AUTHOR INDEX

A

Abney, J. R., Braun, J., and Owicki, J. C. Lateral interactions among membrane proteins. Implications for the organization of gap junctions. 441
—, *See* Braun, Abney, and Owicki.
Als-Nielsen, J. *See* Helm, Möhwald, Kjaer, and Als-Nielsen.
Alvarez, O. *See* Cecchi, Wolff, Alvarez, and Latorre.
Anderle, G., and Mendelsohn, R. Thermal denaturation of globular proteins. Fourier transform–infrared studies of the amide III spectral region. 69
Anderson, M. L., and Schoenberg, M. Possible cooperativity in crossbridge detachment in muscle fibers having magnesium pyrophosphate at the active site. 1077
Armstrong, C. M., and Chow, R. H. Supercharging: a method for improving patch-clamp performance. 133
Armstrong, W. McD. *See* Croxton, Stump, and Armstrong.
Arvidson, G. *See* Sjölund, Lindblom, Rilfors, and Arvidson.
Asbun, H. *See* Davies, Joseph, Kaplan, Juncosa, Pempinello, Asbun, and Sedwitz.
Attwell, D. *See* Wilson, Tessier-Lavigne, and Attwell.

B

Babu, A. Comment on the paper of J. M. Metzger and R. L. Moss: "Shortening velocity in skinned fibers." 1091
Baird, B. *See* Erickson, Goldstein, Holowka, and Baird.
Barry, B., Mathies, R. A., Pardoen, J. A., and Lugtenburg, J. Raman microscope and quantum yield studies on the primary photochemistry of A_2-visual pigments. 603
Bauer, R. J., Bowman, B. F., and Kenyon, J. L. Theory of the kinetic analysis of patch-clamp data. 961
Beach, D. A., Bustamante, C., Wells, K. S., and Foucar, K. M. Differential polarization imaging. III. Theory confirmation. Patterns of polymerization of hemoglobin S in red blood sickle cells. 947
Benoliel, A.-M. *See* Mege, Capó, Benoliel, and Bongrand.
Berg, H. C. *See* Meister and Berg.
Berney, C. V., Renugopalakrishnan, V., and Bhatnagar, R. S. Collagen. An inelastic neutron-scattering study of low-frequency vibrational modes. 343
Berns, D. S. *See* Wittmershaus, Berns, and Huang.
Bezanilla, F. Single sodium channels from the squid giant axon. 1087
Bhatnagar, R. S. *See* Berney, Renugopalakrishnan, and Bhatnagar.
Bjerknes, M. *See* Totafurno, Bjerknes, and Cheng.
Blackshear, P. L., Jr. *See* Morris, Smith, and Blackshear.
Blasie, J. K. *See* Pachence and Blasie.
Bogomolni, R. A., and Spudich, J. L. The photochemical reactions of bacterial sensory rhodopsin-I. Flash photolysis study in the one microsecond to eight second time window. 1071
Bongrand, P. *See* Mege, Capo, Benoliel, and Bongrand.
Bowman, B. F. *See* Bauer, Bowman, and Kenyon.
Braun, J., Abney, J. R., and Owicki, J. C. Lateral interactions among membrane proteins. Valid estimates based on freeze-fracture electron microscopy. 427
—, *See* Abney, Braun, and Owicki.
Brochon, J. C. *See* Livesey and Brochon.
Brokaw, C. J. *See* Tombes, Brokaw, and Shapiro.
Burget, U., and Zundel, G. Glutamic acid–dihydrogen phosphate hydrogen-bonded networks: their proton polarizability as a function of cations present. Infrared investigations. 1065
Bustamante, C. *See* Beach, Bustamante, Wells, and Foucar.
—, *See* Kim, Keller, and Bustamante.
—, *See* Kim, Ulibarri, and Bustamante.
Butler, J. P. *See* Valberg and Butler.

C

Cachau, R. E. *See* Silva, Cachau, and Goldstein.
Caffrey, M., Morris, S. J., and Feigenson, G. W. Uranyl acetate induces gel phase formation in model lipid and biological membranes. 501
Capo, C. *See* Mege, Capo, Benoliel, and Bongrand.
Castle, A. M. *See* Macnab and Castle.
Cecchi, X., Wolff, D., Alvarez, O., and Latorre, R. Mechanisms of Cs^+ blockade in a Ca^{2+}-activated K^+ channel from smooth muscle. 707
Chabre, M. *See* Vuong, Pfister, Worcester, and Chabre.
Chang, C. K. *See* Tanaka, Yu, and Chang.
Chang, C.-H., Liu, S.-Y., Jonas, R., and Govindjee, R. The pink membrane: the stable photoproduct of deionized purple membrane. 617
Chase, J. W. *See* Zang, Maki, Murphy, and Chase.
Cheng, H. *See* Totafurno, Bjerknes, and Cheng.
Chester, D. W., Herbette, L. G., Mason, R. P., Joslyn, A. F., Triggle, D. J., and Koppel, D. E. Diffusion of dihydropyridine calcium channel antagonists in cardiac sarcolemmal lipid multibilayers. 1021
Chiu, S.-W. *See* Jakobsson and Chiu.
Chow, R. H. *See* Armstrong and Chow.
Chu, B. *See* Fan, Dewey, Colflesh, and Chu.
Clark, J. W., Jr. *See* Ganapathy and Clark.
Cohen, I. S. *See* Shah, Cohen, and Datyner.
Colflesh, D. *See* Fan, Dewey, Colflesh, and Chu.
Cosgrove, D. J., Ortega, J. K. E., and Shropshire, W., Jr. Correction. 671
Crawford, G. E., and Earnshaw, J. C. Viscoelastic relaxation of bilayer lipid membranes. Frequency-dependent tension and membrane viscosity. 87
Croxton, T. L., Stump, S. J., and Armstrong, W. McD. A microcomputer interface for a digital audio processor-based data recording system. 653

D

Datyner, N. B. *See* Shah, Cohen, and Datyner.
Davies, R. J., Joseph, R., Kaplan, D., Juncosa, R. D., Pempinello, C., Asbun, H., and Sedwitz, M. M. Epithelial impedance analysis in experimentally induced colon cancer. 783
Day, E. P., Kent, T. A., Lindahl, P. A., Münck, E., Orme-Johnson, W. H., Roder, H., and Roy, A. Squid measurement of metalloprotein magnetization. New methods applied to the nitrogenase proteins. 837
De Brabander, M. *See* Geerts, De Brabander, Nuydens, Geuens, Moeremans, De Mey, and Hollenbeck.
DeFelice, L. J. *See* Mazzanti and DeFelice.
De Mey, J. *See* Geerts, De Brabander, Nuydens, Geuens, Moeremans, De Mey, and Hollenbeck.
Dennis, L. W. *See* Katsuri, Hazelwood, Yamanashi, and Dennis.
Desel, H. *See* Tittor, Oesterhelt, Maurer, Desel, and Uhl.
Dewey, M. M. *See* Fan, Dewey, Colflesh, and Chu.
Diaz, J. *See* Specthrie, Greenberg, Glucksman, Diaz, and Makowski.

Di Perri, T., Orrico, A., Pasini, F. L., Gaggelli, E., and Valensin, G. Receptors on the neutrophil membrane. I. Flunarizine–adenosine antagonism as detected by ^{1}H-nuclear magnetic resonance relaxation investigations. 729
Doane, J. W. *See* Hawton and Doane.
Drasler, W. J., Smith, C. M., II, and Keller, K. H. Viscoelasticity of packed erythrocyte suspensions subjected to low amplitude oscillatory deformation. 357
Ducharme, D. *See* Salesse, Ducharme, and Leblanc.

E

Earnshaw, J. C. *See* Crawford and Earnshaw.
Edelstein, S. J. *See* Kister, Poyart, and Edelstein.
Eftink, M. R., and Ghiron, C. A. Frequency domain measurements of the fluorescence lifetime of ribonuclease T_1. 467
Ehrenberg, B., Farkas, D. L., Fluhler, E. N., Lojewska, Z., and Loew, L. M. Correction. 143
Epstein, B. R. *See* Foster, Epstein, and Gealt.
Erickson, J., Goldstein, B., Holowka, D., and Baird, B. The effect of receptor density on the forward rate constant for binding of ligands to cell surface receptors. 657
Evans, M. G., and Fuchs, P. A. Tetrodotoxin-sensitive, voltage-dependent sodium currents in hair cells from the alligator cochlea. 649

F

Fan, S.-F., Dewey, M. M., Colflesh, D., and Chu, B. Effect of ATP depletion on the isolated thick filament of Limulus striated muscle. 859
Farkas, D. L. *See* Ehrenberg, Farkas, Fluhler, Lojewska, and Loew.
Feigenson, G. W. *See* Caffrey, Morris, and Feigenson.
Feix, J. B. *See* Yin, Feix, and Hyde.
Feldman, H. A. *See* Valberg and Feldman.
Fluhler, E. N. *See* Ehrenberg, Farkas, Fluhler, Lojewska, and Loew.
Foster, K. R., Epstein, B. R., and Gealt, M. A. "Resonances" in the dielectric absorption of DNA? 421
Foucar, K. M. *See* Beach, Bustamante, Wells, and Foucar.
Fozzard, H. A. *See* Makielski, Sheets, Hanck, January, and Fozzard.
—, *See* Scanley and Fozzard.
—, *See* Sheets, Scanley, Hanck, Makielski, and Fozzard.
Froncisz, W. *See* Lai, Froncisz, and Hopwood.
Fuchs, P. A. *See* Evans and Fuchs.
Furuno, T. *See* Kometani, Kinosita, Furuno, Kouyama, and Ikegami.

G

Gaggelli, E. *See* Di Perri, Orrico, Pasini, Gaggelli, and Valensin.
Ganapathy, N., and Clark, J. W., Jr. Extracellular currents and potentials of the active myelinated nerve fiber. 749
García de la Torre, J. *See* López Martínez and García de la Torre.
Gealt, M. A. *See* Foster, Epstein, and Gealt.
Geerts, H., De Brabander, M., Nuydens, R., Geuens, S., Moeremans, M., De Mey, J., and Hollenbeck, P. Nanovid tracking: a new automatic method for the study of mobility in living cells based on colloidal gold and video microscopy. 775
Geeves, M. A., and Halsall, D. J. Two-step ligand binding and cooperativity. A model to describe the cooperative binding of myosin subfragment 1 to regulated actin. 215
Gerke, H. *See* Schwarz, Gerke, Rizzo, and Stankowski.
Geuens, S. *See* Geerts, De Brabander, Nuydens, Geuens, Moeremans, De Mey, and Hollenbeck.
Ghiron, C. A. *See* Eftink and Ghiron.
Glucksman, M. J. *See* Specthrie, Greenberg, Glucksman, Diaz, and Makowski.
Goldbetter, A. *See* Martiel and Goldbetter.
Goldman, Y. E. Measurement of sarcomere shortening in skinned fibers from frog muscle by white light diffraction. 57
Goldstein, B. *See* Erickson, Goldstein, Holowka, and Baird.
Goldstein, D. J. *See* Silva, Cachau, and Goldstein.
Govindjee, R. *See* Chang, Liu, Jonas, and Govindjee.
Greenberg, J. *See* Specthrie, Greenberg, Glucksman, Diaz, and Makowski.
Griffin, R. G. *See* Herzfeld, Mulliken, Siminovitch, and Griffin.
Grinvald, A. *See* Lev-Ram and Grinvald.
Guest, C. R., and Noe, L. J. Photodissociation of CO and O_2 from α and β hemoglobin chains studied by using picosecond absorption spectroscopy. 885
Guevara, M. R., and Shrier, A. Phase resetting in a model of cardiac Purkinje fiber. 165
Güth, K., Poole, K. J. V., Maughan, D., and Kuhn, H. J. The apparent rates of crossbridge attachment and detachment estimated from ATPase activity in insect flight muscle. 1039

H

Hainsworth, A. H., and Hladky, S. B. Gramicidin-mediated currents at very low permeant ion concentrations. 109
Halsall, D. J. *See* Geeves and Halsall.
Hamada, A. *See* Takeshita, Utsumi, and Hamada.
Hammer, D. A., and Lauffenburger, D. A. A dynamical model for receptor-mediated cell adhesion to surfaces. 475
Hanck, D. A. *See* Makielski, Sheets, Hanck, January, and Fozzard.
—, *See* Sheets, Scanley, Hanck, Makielski, and Fozzard.
Hawton, M. H., and Doane, J. W. Pretransitional phenomena in phospholipid/water multilayers. 401
Hazelwood, C. F. *See* Katsuri, Hazelwood, Yamanashi, and Dennis.
Helm, C. A., Möhwald, H., Kjaer, K., and Als-Nielsen, J. Phospholipid monolayers between fluid and solid states. 381
Herbette, L. G. *See* Chester, Herbette, Mason, Joslyn, Triggle, and Koppel.
Herzfeld, J., Mulliken, C. M., Siminovitch, D. J., and Griffin, R. G. Contrasting molecular dynamics in red and purple membrane fractions of the *Halobacterium halobium*. 855
Hess, G. P. *See* Udgaonkar and Hess.
Higuchi, H. Lattice swelling with the selective digestion of elastic components in single-skinned fibers of frog muscle. 29
Hladky, S. B. *See* Hainsworth and Hladky.
Hochmuth, R. M. *See* Waugh and Hochmuth.
Hofmann, K. P. *See* Kohl and Hofmann.
Hollenbeck, P. *See* Geerts, De Brabander, Nuydens, Geuens, Moeremans, De Mey, and Hollenbeck.
Holowka, D. *See* Erickson, Goldstein, Holowka, and Baird.
Holzwarth, A. R. *See* Suter and Holzwarth.
—, *See* Wendler and Holzwarth.
Hopwood, L. E. *See* Lai, Froncisz, and Hopwood.
Huang, C. *See* Slater and Huang.
—, *See* Wittmershaus, Berns, and Huang.
Huang, J. M. C., Tanguy, J., and Yeh, J. Z. Removal of sodium inactivation and block of sodium channels by chloramine-T in crayfish and squid giant axons. 155
Humphrey, J. D., and Yin, F. C. P. A new constitutive formulation for characterizing the mechanical behavior of soft tissues. 563
Hyde, J. S. *See* Yin, Feix, and Hyde.

I

Ichiye, T. *See* Karplus, Ichiye, and Pettitt.
Ikegami, A. *See* Kometani, Kinosita, Furuno, Kouyama, and Ikegami.

J

Jacobs, R. E. *See* White, Jacobs, and King.
Jakobsson, E., and Chiu, S.-W. Stochastic theory of ion movement in channels with single-ion occupancy. Application to sodium permeation of gramicidin channels. 33
January, C. T. *See* Makielski, Sheets, Hanck, January, and Fozzard.
Jaworsky, M., and Mendelsohn, R. Unusual partitioning behavior of CaATPase in dipalmitoylphosphatidylethanolamine/dielaidoylphosphatidylcholine mixtures. 241
Jeffrey, K. R. *See* Milburn and Jeffrey.
Jonas, R. *See* Chang, Liu, Jonas, and Govindjee.
Joseph, R. *See* Davies, Joseph, Kaplan, Juncosa, Pempinello, Asbun, and Sedwitz.
Joslyn, A. F. *See* Chester, Herbette, Mason, Joslyn, Triggle, and Koppel.
Juncosa, R. D. *See* Davies, Joseph, Kaplan, Juncosa, Pempinello, Asbun, and Sedwitz.

K

Kanashiro, M. *See* Naritomi, Kanashiro, Sasaki, Kuribayashi, and Sawada.
Kaplan, D. *See* Davies, Joseph, Kaplan, Juncosa, Pempinello, Asbun, and Sedwitz.
Karplus, M., Ichiye, T., and Pettitt, B. M. Configurational entropy of native proteins. 1083
Katsuri, S. R., Hazelwood, C. F., Yamanashi, W. S., and Dennis, L. W. The nature and origin of chemical shift for intracellular water nuclei in *Artemia* cysts. 249
Keller, D. *See* Kim, Keller, and Bustamante.
Keller, K. H. *See* Drasler, Smith, and Keller.
Kent, T. A. *See* Day, Kent, Lindahl, Münck, Orme-Johnson, Roder, and Roy.
Kenyon, J. L. *See* Bauer, Bowman, and Kenyon.
Kim, M., Keller, D., and Bustamante, C. Differential polarization imaging. I. Theory. 911
—, Ulibarri, L., and Bustamante, C. Differential polarization imaging. II. Symmetry properties and calculations. 929
King, G. I. *See* White, Jacobs, and King.
Kinosita, K., Jr. *See* Kometani, Kinosita, Furuno, Kouyama, and Ikegami.
Kister, J., Poyart, C., and Edelstein, S. J. Oxygen-organophosphate linkage in hemoglobin A. The double hump effect. 527
Kjaer, K. *See* Helm, Möhwald, Kjaer, and Als-Nielsen.
Kohl, B., and Hofmann, K. P. Temperature dependence of G-protein activation in photoreceptor membranes. Transient extra metarhodopsin II on bovine disk membranes. 271
Kometani, T., Kinosita, K., Jr., Furuno, T., Kouyama, T., and Ikegami, A. Transmembrane location of retinal in purple membrane. Fluorescence energy transfer in maximally packed donor–acceptor systems. 509
Kon, H. *See* Noji, Taniguchi, and Kon.
Koppel, D. E. *See* Chester, Herbette, Mason, Joslyn, Triggle, and Koppel.
Kouyama, T. *See* Kometani, Kinosita, Furuno, Kouyama, and Ikegami.
Kuhn, H. J. *See* Güth, Poole, Maughan, and Kuhn.
Kuribayashi, Y. *See* Naritomi, Kanashiro, Sasaki, Kuribayashi, and Sawada.

L

Lai, C.-S., Froncisz, W., and Hopwood, L. E. An evaluation of paramagnetic broadening agents for spin probe studies of intact mammalian cells. 625
Lanyi, J. K. *See* Zimányi and Lanyi.
Latorre, R. *See* Cecchi, Wolff, Alvarez, and Latorre.
Lauffenburger, D. A. *See* Hammer and Lauffenburger.
Leblanc, R. M. *See* Salesse, Ducharme, and Leblanc.
Leung, A. F. *See* Roos and Leung.
Levitt, D. G. Exact continuum solution for a channel that can be occupied by two ions. 455
Lev-Ram, V., and Grinvald, A. Activity-dependent calcium transients in central nervous system myelinated axons revealed by the calcium indicator FURA-2. 571
Liebovitch, L. S., and Sullivan, J. M. Fractal analysis of a voltage-dependent potassium channel from cultured mouse hippocampal neurons. 979
Lindahl, P. A. *See* Day, Kent, Lindahl, Münck, Orme-Johnson, Roder, and Roy.
Lindblom, G. *See* Sjölund, Lindblom, Rilfors, and Arvidson.
Liu, S.-Y. *See* Chang, Liu, Jonas, and Govindjee.
Livesey, A. K., and Brochon, J. C. Analyzing the distribution of decay constants in pulse-fluorimetry using the maximum entropy method. 693
Loew, L. M. *See* Ehrenberg, Farkas, Fluhler, Lojewska, and Loew.
Lojewska, Z. *See* Ehrenberg, Farkas, Fluhler, Lojewska, and Loew.
López Martínez, M. C., and García de la Torre, J. Brownian dynamics simulation of restricted rotational diffusion. 303
Lugtenburg, J. *See* Barry, Mathies, Pardoen, and Lugtenburg.

M

Macnab, R. M., and Castle, A. M. A variable stoichiometry model for pH homeostasis in bacteria. 637
Maki, A. H. *See* Zang, Maki, Murphy, and Chase.
Makielski, J. C., Sheets, M. F., Hanck, D. A., January, C. T., and Fozzard, H. A. Sodium current in voltage clamped internally perfused canine cardiac Purkinje cells. 1
—, *See* Sheets, Scanley, Hanck, Makielski, and Fozzard.
Makowski, L. *See* Specthrie, Greenberg, Glucksman, Diaz, and Makowski.
Marinetti, T. Large scale nonproton ion release and bacteriorhodopsin's state of aggregation in lipid vesicles. I. Monomers. 115
Marrero, H., and Rothschild, K. J. Conformational changes in bacteriorhodopsin studied by infrared attenuated total reflection. 629
Martiel, J.-L., and Goldbetter, A. A model based on receptor desensitization for cyclic AMP signaling in *Dictyostelium* cells. 807
Mason, R. P. *See* Chester, Herbette, Mason, Joslyn, Triggle, and Koppel.
Mathies, R. A. *See* Barry, Mathies, Pardoen, and Lugtenburg.
Maughan, D. *See* Güth, Poole, Maughan, and Kuhn.
Maurer, R. *See* Tittor, Oesterhelt, Maurer, Desel, and Uhl.
Mauzerall, D. *See* Woodle, Zhang, and Mauzerall.
Mazzanti, M., and DeFelice, L. J. Na channel kinetics during the spontaneous heart beat in embryonic chick ventricle cells. 95
Mege, J. L., Capo, C., Benoliel, A.-M., and Bongrand, P. Use of cell contour analysis to evaluate the affinity between macrophages and glutaraldehyde-treated erythrocytes. 177
Meister, M., and Berg, H. C. The stall torque of the bacterial flagellar motor. 413

Mendelsohn, R. *See* Anderle and Mendelsohn.
—, *See* Jaworsky and Mendelsohn.
Metzger, J. M., and Moss, R. L. Shortening velocity in skinned single muscle fibers. Influence of filament lattice spacing. 127
Milburn, M. P., and Jeffrey, K. R. Dynamics of the phosphate group in phospholipid bilayers. A ^{31}P nuclear relaxation time study. 791
Miller, C. Trapping single ions inside single ion channels. 123
Miller, I. R. Zwitterionic water chains as H^+/OH^- transporters. 497
Moench, S. *See* Satterlee and Moench.
Moeremans, M. *See* Geerts, De Brabander, Nuydens, Geuens, Moeremans, De Mey, and Hollenbeck.
Möhwald, H. *See* Helm, Möhwald, Kjaer, and Als-Nielsen.
Morris, C. L., Smith, C. M., II, and Blackshear, P. L., Jr. A new method for measuring the yield stress in thin layers of sedimenting blood. 229
Morris, S. J. *See* Caffrey, Morris, and Feigenson.
Morrison, L. E., and Weber, G. Biological membrane modeling with a liquid/liquid interface. Probing mobility and environment with total internal reflection excited fluorescence. 367
Moss, R. L. *See* Metzger and Moss.
Mulliken, C. M. *See* Herzfeld, Mulliken, Siminovitch, and Griffin.
Münck, E. *See* Day, Kent, Lindahl, Münck, Orme-Johnson, Roder, and Roy.
Murphy, J. B. *See* Zang, Maki, Murphy, and Chase.

N

Naritomi, H., Kanashiro, M., Sasaki, M., Kuribayashi, Y., and Sawada, T. In vivo measurements of intra- and extracellular Na^+ in water in the brain and muscle by nuclear magnetic resonance spectroscopy with shift reagent. 611
Nelson, M. T. *See* Talvenheimo, Worley, and Nelson.
Noe, L. J. *See* Guest and Noe.
Noji, S., Taniguchi, S., and Kon, H. Spin label study of erythrocyte deformability. Ca^2-induced loss of deformability and the effects of stomatocytogenic reagents on the deformability loss in human erythrocytes in shear flow. 221
Nuydens, R. *See* Geerts, De Brabander, Nuydens, Geuens, Moeremans, De Mey, and Hollenbeck.

O

Ochoa, J. A., Whitaker, S., and Stroeve, P. Determination of cell membrane permeability in concentrated cell ensembles. 763
Oesterhelt, D. *See* Tittor, Oesterhelt, Maurer, Desel, and Uhl.
O'Leary, T. J. Concentration dependence of protein diffusion. 137
Orme-Johnson, W. H. *See* Day, Kent, Lindahl, Münck, Orme-Johnson, Roder, and Roy.
Orrico, A. *See* Di Perri, Orrico, Pasini, Gaggelli, and Valensin.
Ortega, J. K. E. *See* Cosgrove, Ortega, and Shropshire.
Owicki, J. C. *See* Abney, Braun, and Owicki.
—, *See* Braun, Abney, and Owicki.

P

Pachence, J. M., and Blasie, J. K. The location of cytochrome *c* on the surface of ultrathin lipid multilayer films using x-ray diffraction. 735
Palmer, A. G., III, and Thompson, N. L. Molecular aggregation characterized by high order autocorrelation in fluorescence correlation spectroscopy. 257
Pardoen, J. A. *See* Barry, Mathies, Pardoen, and Lugtenburg.
Pasini, F. L. *See* Di Perri, Orrico, Pasini, Gaggelli, and Valensin.
Pempinello, C. *See* Davies, Joseph, Kaplan, Juncosa, Pempinello, Asbun, and Sedwitz.
Pettitt, B. M. *See* Karplus, Ichiye, and Pettitt.
Pfister, C. *See* Vuong, Pfister, Worcester, and Chabre.
Poole, K. J. V. *See* Güth, Poole, Maughan, and Kuhn.
Poyart, C. *See* Kister, Poyart, and Edelstein.
Prasad, K. U. *See* Sigworth, Urry, and Prasad.

R

Renugopalakrishnan, V. *See* Berney, Renugopalakrishnan, and Bhatnagar.
Rilfors, L. *See* Sjölund, Lindblom, Rilfors, and Arvidson.
Rizzo, V. *See* Schwarz, Gerke, Rizzo, and Stankowski.
Roder, H. *See* Day, Kent, Lindahl, Münck, Orme-Johnson, Roder, and Roy.
Roos, K. P. Sacomere length uniformity determined from three-dimensional reconstructions of resting isolated heart cell striation patterns. 317
—, **and Leung, A. F.** Theoretical Fraunhofer light diffraction patterns calculated from three-dimensional sarcomere arrays imaged from isolated cardiac cells at rest. 329
Rosenblatt, C., Yager, P., and Schoen, P. E. Orientation of lipid tubules by a magnetic field. 295
Rothschild, K. J. *See* Marrero and Rothschild.
Roy, A. *See* Day, Kent, Lindahl, Münck, Orme-Johnson, Roder, and Roy.

S

Salesse, C., Ducharme, D., and Leblanc, R. M. Direct evidence for the formation of a monolayer from a bilayer. An ellipsometric study at the nitrogen–water interface. 351
Sasaki, M. *See* Naritomi, Kanashiro, Sasaki, Kuribayashi, and Sawada.
Satterlee, J. D., and Moench, S. Proton hyperfine resonance assignments using the nuclear Overhauser effect for ferric forms of horse and tuna cytochrome *c* . 101
Sawada, T. *See* Naritomi, Kanashiro, Sasaki, Kuribayashi, and Sawada.
Saxton, M. J. Lateral diffusion in an archipelago. The effect of mobile obstacles. 989
Scanley, B. E., and Fozzard, H. A. Low conductance sodium channels in canine cardiac Purkinje cells. 489
—, *See* Sheets, Scanley, Hanck, Makielski, and Fozzard.
Schoen, P. E. *See* Rosenblatt, Yager, and Schoen.
Schoenberg, M. *See* Anderson and Schoenberg.
Schwarz, G., Gerke, H., Rizzo, V., and Stankowski, S. Incorporation kinetics in a membrane, studied with the pore-forming peptide alamethicin. 685
Sedwitz, M. M. *See* Davies, Joseph, Kaplan, Juncosa, Pempinello, Asbun, and Sedwitz.
Seely, G. R. Transport of fluorescence through highly scattering media. Corrections to the determination of quantum yields. 311
Shah, A. K., Cohen, I. S., and Datyner, N. B. Background K^+ current in isolated canine cardiac Purkinje myocytes. 519
Shapiro, B. M. *See* Tombes, Brokaw, and Shapiro.
Sheets, M. F., Scanley, B. E., Hanck, D. A., Makielski, J. C., and Fozzard, H. A. Open sodium channel properties of single canine cardiac Purkinje cells. 13
—, *See* Makielski, Sheets, Hanck, January, and Fozzard.
Shrier, A. *See* Guevara and Shrier.
Shropshire, W., Jr. *See* Cosgrove, Ortega, and Shropshire.
Sigworth, F. J., and Sine, S. M. Data transformations for improved display and fitting of single-channel dwell time histograms. 1047

—, **Urry, D. W., and Prasad, K. U.** Open channel noise. III. High-resolution recordings show rapid current fluctuations in gramicidin A and four chemical analogue. 1055
Silva, A. M., Cachau, R. E., and Goldstein, D. J. Ion channels in southern bean mosaic virus capsid. 595
Siminovitch, D. J. *See* Herzfeld, Mulliken, Siminovitch, and Griffin.
Sine, S. M. *See* Sigworth and Sine.
Sjölund, M., Lindblom, G., Rilfors, L., and Arvidson, G. Hydrophobic molecules in lecithin–water systems. I. Formation of reversed hexagonal phases at high and low water contents. 145
Slater, J. L., and Huang, C. Scanning calorimetry reveals a new phase transition in L-α-dipalmitoylphosphatidylcholine. 667
Smith, C. M., II. *See* Drasler, Smith, and Keller.
—, *See* Morris, Smith, and Blackshear.
Sowers, A. E. The long-lived fusogenic state induced in erythrocyte ghosts by electric pulses is not laterally mobile. 1015
Specthrie, L., Greenberg, J., Glucksman, M. J., Diaz, J., and Makowski, L. Structural responsiveness of filamentous bacteriophage Pf1: comparison of virion structure in fibers and solution. The effect of temperature and ionic strength. 199
Spudich, J. L. *See* Bogomolni and Spudich.
Stankowski, S. *See* Schwarz, Gerke, Rizzo, and Stankowski.
Starmer, C. F. Theoretical characterization of ion channel blockade. Competitive binding to periodically accessible receptors. 405
Steinberg, I. Z. Frequencies of paired open–closed durations of ion channels. Method of evaluation from single-channel recordings. 47
Strambini, G. B. Quenching of alkaline phosphatase phosphorescence by O_2 and NO. Evidence for inflexible regions of protein structure. 23
Stroeve, P. *See* Ochoa, Whitaker, and Stroeve.
Stump, S. J. *See* Croxton, Stump, and Armstrong.
Sullivan, J. M. *See* Liebovitch and Sullivan.
Suter, G. W., and Holzwarth, A. R. A kinetic model for the energy transfer in phycobilisomes. 673

T

Takeshita, K., Utsumi, H., and Hamada, A. Dynamic properties of the haptenic site of lipid haptens in phosphatidylcholine membranes. Their relation to the phase transition of the host lattice. 187
Talvenheimo, J. A., Worley, J. F., III, and Nelson, M. T. Heterogeneity of calcium channels from a purified dihydropyridine receptor preparation. 891
Tanaka, T., Yu, N.-T., and Chang, C. K. Resonance Raman studies of sterically hindered cyanomet "strapped" hemes. Effects of ligand distortion and base tension on iron-carbon bond. 801
Tanguy, J. *See* Huang, Tanguy, and Yeh.
Taniguchi, S. *See* Noji, Taniguchi, and Kon.
Tessier-Lavigne, M. *See* Wilson, Tessier-Lavigne, and Attwell.
Thompson, N. L. *See* Palmer and Thompson.
Tittor, J., Oesterhelt, D., Maurer, R., Desel, H., and Uhl, R. The photochemical cycle of halorhodopsin: absolute spectra of intermediates obtained by flash photolysis and fast difference spectra measurements. 999
Tombes, R. M., Brokaw, C. J., and Shapiro, B. M. Creatine kinase–dependent energy transport in sea urchin spermatozoa. Flagellar wave attenuation and theoretical analysis of high energy phosphate diffusion. 75
Totafurno, J., Bjerknes, M., and Cheng, H. The crypt cycle. Crypt and villus production in the adult intestinal epithelium. 279
Tozeren, A. The influence of doubly attached crossbridges on the mechanical behavior of skeletal muscle fibers under equilibrium conditions. 901
Triggle, D. J. *See* Chester, Herbette, Mason, Joslyn, Triggle, and Koppel.
Trissl, H.-W. The concept of chemical capacitance: is it necessary or meaningful? 141

U

Udgaonkar, J. B., and Hess, G. P. Acetylcholine receptor: channel-opening kinetics evaluated by rapid chemical kinetic and single-channel current measurements. 873
Uhl, R. *See* Tittor, Oesterhelt, Maurer, Desel, and Uhl.
Ulibarri, L. *See* Kim, Ulibarri, and Bustamante.
Urry, D. W. *See* Sigworth, Urry, and Prasad.
Utsumi, H. *See* Takeshita, Utsumi, and Hamada.

V

Valberg, P. A., and Butler, J. P. Magnetic particle motions within living cells. Physical theory and techniques. 537
—, **and Feldman, H. A.** Magnetic particle motions within living cells. Measurement of cytoplasmic viscosity and motile activity. 551
Valensin, G. *See* Di Perri, Orrico, Pasini, Gaggelli, and Valensin.
Vuong, T. M., Pfister, C., Worcester, D. L., and Chabre, M. The transducin cascade is involved in the light-induced structural changes observed by neutron diffraction on retinal rod outer segments. 587

W

Waugh, R. E., and Hochmuth, R. M. Mechanical equilibrium of thick, hollow, liquid membrane cylinders. 391
Weber, G. *See* Morrison and Weber.
Wells, K. S. *See* Beach, Bustamante, Wells, and Foucar.
Wendler, J., and Holzwarth, A. R. State transitions in the green alga *Scenedesmus obliquus* probed by time-resolved chlorophyll fluorescence spectroscopy and global data analysis. 717
Whitaker, S. *See* Ochoa, Whitaker, and Stroeve.
White, S. H., Jacobs, R. E., and King, G. I. Partial specific volumes of lipid and water in mixtures of egg lecithin and water. 663
Wilson, M., Tessier-Lavigne, M., and Attwell, D. Noise analysis predicts at least four states for channels closed by glutamate. 955
Wittmershaus, B. P., Berns, D. S., and Huang, C. Picosecond time-resolved fluorescence from detergent-free photosystem I particles. 829
Wolff, D. *See* Cecchi, Wolff, Alvarez, and Latorre.
Woodle, M., Zhang, J. W., and Mauzerall, D. Kinetics of charge transfer at the lipid bilayer–water interface on the nanosecond time scale. 577
Worcester, D. L. *See* Vuong, Pfister, Worcester, and Chabre.
Worley, J. F., III. *See* Talvenheimo, Worley, and Nelson.

Y

Yager, P. *See* Rosenblatt, Yager, and Schoen.
Yamanashi, W. S. *See* Katsuri, Hazelwood, Yamanashi, and Dennis.
Yeh, J. Z. *See* Huang, Tanguy, and Yeh.
Yin, F. C. P. *See* Humphrey and Yin.
Yin, J.-J., Feix, J. B., and Hyde, J. S. The effects of cholesterol on lateral diffusion and vertical fluctuations in lipid bilayers. An electron–electron double resonance (ELDOR) study. 1031
Yu, N.-T. *See* Tanaka, Yu, and Chang.

Z

Zang, L.-H., Maki, A. H., Murphy, J. B., and Chase, J. W. Triplet state sublevel kinetics of tryptophan 54 in the complex of *Escherichia coli* single-stranded DNA binding protein with single-stranded poly(deoxythymidylic) acid. 867

Zhang, J. W. *See* Woodle, Zhang, and Mauzerall.

Zimányi, L., and Lanyi, J. K. Iso-halorhodopsin: a stable, 9-*cis* retinal containing photoproduct of halorhodopsin. 1007

Zucker, R. S. The calcium hypothesis and modulation of transmitter release by hyperpolarizing pulses. 347

SUBJECT INDEX, VOLUME 52

Subject Context	Keyword	Page No.
	A	
RS/ ISO-HALORHODOPSIN	A STABLE 9-CIS RETINAL-CONTAINING	1007
ARY PHOTOCHEMISTRY OF	A-2-VISUAL PIGMENTS RESONANCE RA	0603
YCLE OF HALORHODOPSIN	ABSOLUTE SPECTRA OF INTERMEDIAT	0999
ANCES IN THE DIELECTRIC	ABSORPTION OF DNA? PLASMID DNA R	0421
ED BY USING PICOSECOND	ABSORPTION SPECTROSCOPY/ PHOTO	0885
BINDING TO PERIODICALLY	ACCESSIBLE RECEPTORS LIGAND BINDI	0405
AL MEMBRANES/ URANYL	ACETATE INDUCES GEL-PHASE FORMA	0501
BY TWO IONS POTASSIUM	ACETYLCHOLINE CATION DIFFUSION EL	0455
CH FLOW TEMPERATURE/	ACETYLCHOLINE RECEPTOR CHANNEL-	0873
ILITY H-BONDS/ GLUTAMIC	ACID DIHYDROGEN PHOSPHATE HYDRO	1021
D POLYDEOXYTHYMIDYLIC	ACID ODMR PHOPHORESCENCE STACKI	0867
WHITE LIGHT DIFFRACTION	ACOUSTO-OPTICAL FORCE-VELOCITY	0057
ING TRYPTOPHAN RESIDUE	ACRYLAMIDE/ FREQUENCY DOMAIN M	0467
AGMENT-1 TO REGULATED	ACTIN MUSCLE/ TWO-STEP LIGAND BIN	0215
K MEMBRANES VISION GTP	ACTIVATION ENERGY/ TEMPERATURE	0271
EPENDENCE OF G-PROTEIN	ACTIVATION IN PHOTORECEPTOR MEM	0271
AND POTENTIALS OF THE	ACTIVE MYELINATED NERVE FIBER NER	0749
PYROPHOSPHATE AT THE	ACTIVE SITE/ POSSIBLE COOPERATIVIT	1077
IC VISCOSITY AND MOTILE	ACTIVITY CYTOSKELETON LUNG MACR	0551
ESTIMATED FROM ATPASE	ACTIVITY IN INSECT FLIGHT MUSCLE FI	1039
E MYELIN BASIC PROTEIN/	ACTIVITY-DEPENDENT CALCIUM TRANSI	0571
RIDGE FILAMENT SPACING	ACTOMYOSIN/ LETTER TO THE EDITOR	1091
S ADHESIVE FREE ENERGY	ADHESION AREA/ USE OF CELL CONT	0177
ECEPTOR-MEDIATED CELL	ADHESION TO SURFACES RECEPTORS	0475
ELL SURFACE ROUGHNESS	ADHESIVE FREE ENERGY ADHESION AR	0177
ILLUS PRODUCTION IN THE	ADULT INTESTINAL EPITHELIUM STEM C	0279
ALYSIS TO EVALUATE THE	AFFINITY BETWEEN MACROPHAGES AN	0177
TO SURFACES RECEPTORS	AFFINITY/ A DYNAMICAL MODEL FOR	0475
RAMAGNETIC BROADENING	AGENTS FOR SPIN PROBE STUDIES OF	0625
MERIZATION/ MOLECULAR	AGGREGATION CHARACTERIZED BY HIG	0257
IORHODOPSIN'S STATE OF	AGGREGATION IN LIPID VESICLES I MO	0115
E PORE-FORMING PEPTIDE	ALAMETHICIN PEPTIDE-LIPID BILAYER I	0685
RANSITIONS IN THE GREEN	ALGA SCENEDESMUS OBLIQUUS PROB	0717
ESCENCE/ QUENCHING OF	ALKALINE PHOSPHATASE PHOSPHORE	0023
IN HAIR CELLS FROM THE	ALLIGATOR COCHLEA/ TETRODOTOXIN	0649
ING ORGANOPHOSPHATES	ALLOSTERIC LINKAGE/ OXYGEN-ORGA	0527
CEPTORS LIGAND BINDING	ALLOSTERIC PERIODIC ACCESS GUARD	0405
OXIDE AND OXYGEN FROM	ALPHA AND BETA HEMOGLOBIN CHAIN	0885
SYSTEM-II HETEROGENEITY	ALPHA-BETA HETEROGENEITY/ STATE	0717
INFRARED STUDIES OF THE	AMIDE-III SPECTRAL REGION PROTEIN	0069
ENSITIZATION FOR CYCLIC	AMP SIGNALING IN DICTYOSTELIUM CE	0807
IONS SUBJECTED TO LOW	AMPLITUDE OSCILLATORY DEFORMATI	0357
IN-A AND FOUR CHEMICAL	ANALOGUE/ OPEN CHANNEL NOISE III	1055
I FLUNARIZINE-ADENOSINE	ANTAGONISM AS DETECTED BY H-1-NM	0729
RIDINE CALCIUM CHANNEL	ANTAGONISTS IN CARDIAC SARCOLEM	1021
ECHANICAL KINETICS/ THE	APPARENT RATES OF CROSSBRIDGE A	1039
ERIODIC ULTRATHIN FILMS	ARACHIDIC ACID FILMS LANGMIUR BLO	0735
OBSTACLES PERCOLATION	ARCHIPELAGO MONTE-CARLO CALCUL	0989
LATERAL DIFFUSION IN AN	ARCHIPELAGO THE EFFECT OF MOBILE	0989
DIMENSIONAL SARCOMERE	ARRAYS IMAGED FROM ISOLATED CAR	0329
SHOLD SUPERNORMALITY	ARRHYTHIAS SIMULATION TOPOLOGY/	0165
LLULAR WATER NUCLEI IN	ARTEMIA CYSTS/ THE NATURE AND OR	0249
N HYPERFINE RESONANCE	ASSIGNMENTS USING THE NUCLEAR O	0101
ID ICOSAHEDRAL VIRUSES	ATOMIC PAIR POTENTIALS/ ION CHANN	0595
TED MUSCLE/ EFFECT OF	ATP DEPLETION ON THE ISOLATED THI	0859
CHMENT ESTIMATED FROM	ATPASE ACTIVITY IN INSECT FLIGHT M	1039
S PROTON CONDUCTIVITY	ATPASE CATION POLARIZABILITY H-BO	1021
HE INFLUENCE OF DOUBLY	ATTACHED CROSSBRIDGES ON THE ME	0901
T RATES OF CROSSBRIDGE	ATTACHMENT AND DETACHMENT ESTIM	1039
SIN STUDIED BY INFRARED	ATTENUATED TOTAL REFLECTION PUR	0629
TOZOA FLAGELLAR WAVE	ATTENUATION AND THEORETICAL ANAL	0075
INTERFACE FOR A DIGITAL	AUDIO PROCESSOR-BASED DATA REC	0653
CTERIZED BY HIGH ORDER	AUTOCORRELATION IN FLUORESCENC	0257
NANOVID TRACKING A NEW	AUTOMATIC METHOD FOR THE STUDY	0775
S FROM THE SQUID GIANT	AXON/ SINGLE SODIUM CHANNELS FR	1087
RAYFISH AND SQUID GIANT	AXONS FAST INACTIVATION SLOW INA	0155
IENTS IN CNS MYELINATED	AXONS REVEALED BY THE CALCIUM IN	0571
	B	
YTES INWARD RECTIFIER/	BACKGROUND POTASSIUM CURRENT I	0519
FOR PH HOMEOSTASIS IN	BACTERIA CATION TRANSPORT PROTO	0637
HE STALL TORQUE OF THE	BACTERIAL FLAGELLAR MOTOR FLAGE	0413
CHEMICAL REACTIONS OF	BACTERIAL SENSORY RHODOPSIN-I FL	1071
IVENESS OF FILAMENTOUS	BACTERIOPHAGE-PF1 COMPARISON OF	0199
NIZED PURPLE MEMBRANE	BACTERIORHODOPSIN CALCIUM-MAGN	0617
IME WINDOW PHOTOTAXIS	BACTERIORHODOPSIN HALOBACTERIU	1071
MBRANE LINEAR DICROISM	BACTERIORHODOPSIN INFRARED PROT	0629
ALOBACTERIUM HALOBIUM	BACTERIORHODOPSIN NMR DEUTERIUM	0855
ESSARY OR MEANINGFUL?	BACTERIORHODOPSIN PHOTOVOLTAGE	0141
ORMATIONAL CHANGES IN	BACTERIORHODOPSIN STUDIED BY INF	0629
NOR-ACCEPTOR SYSTEMS	BACTERIORHODOPSIN/ TRANSMEMBRA	0509
ROTON ION RELEASE AND	BACTERIORHODOPSIN'S STATE OF AG	0115
F LIGAND DISTORTION AND	BASE TENSION ON IRON-CARBON BON	0801
ANCE RAMAN RHODOPSIN	BATHORHODOPSIN 3,4-DEHYDRORETIN	0603
N CHANNELS IN SOUTHERN	BEAN MOSAIC VIRUS CAPSID ICOSAHE	0595
THE SPONTANEOUS HEART	BEAT IN EMBRYONIC CHICK VENTRICLE	0095
/ UNUSUAL PARTITIONING	BEHAVIOR OF CATPASE IN DIPALMITOY	0241
OXYGEN FROM ALPHA AND	BETA HEMOGLOBIN CHAINS STUDIED B	0885
OF A MONOLAYER FROM A	BILAYER AN ELLIPSOMETRIC STUDY AT	0351
LAMETHICIN PEPTIDE-LIPID	BILAYER INSERTION LIPID VESICLES/ I	0685
OELASTIC RELAXATION OF	BILAYER LIPID MEMBRANES FREQUENC	0087
IME STUDY PHOSPHOLIPID	BILAYER P-31-NMR SPIN-LATTICE RELA	0791
E TRANSFER AT THE LIPID	BILAYER-WATER INTERFACE ON THE N	0577
TUTION SKELETAL MUSCLE	BILAYER/ HETEROGENEITY OF CALCIU	0891
E GROUP IN PHOSPHOLIPID	BILAYERS A P-31 NUCLEAR RELAXATIO	0791
CAL FLUCTUATION IN LIPID	BILAYERS AN ELECTRON-ELECTRON D	1031
SIBLE RECEPTORS LIGAND	BINDING ALLOSTERIC PERIODIC ACCES	0405
USCLE/ TWO-STEP LIGAND	BINDING AND COOPERATIVITY A MODE	0215
ARD RATE CONSTANT FOR	BINDING OF LIGANDS TO CELL SURFAC	0657
SCRIBE THE COOPERATIVE	BINDING OF MYOSIN SUBFRAGMENT-1	0215
LI SINGLE-STRANDED DNA	BINDING PROTEIN WITH SINGLE-STRAN	0867
L BLOCKADE COMPETITIVE	BINDING TO PERIODICALLY ACCESSIBL	0405
M PROTON-MOTIVE FORCE	BIOENERGETICS COUPLING/ THE STAL	0413
MOTILITY CELL MOTILITY	BIOENERGETICS DYNEIN ATPASE/ CRE	0075
EXCITED FLUORESCENCE/	BIOLOGICAL MEMBRANE MODELING WI	0367
ATION IN MODEL LIPID AND	BIOLOGICAL MEMBRANES/ URANYL AC	0501
TYOSTELIUM DISCOIDEUM	BIOLOGICAL RHYTHMS OSCILLATIONS	0807
E MOTIONS BIORHEOLOGY	BIOMAGNETISM/ MAGNETIC PARTICLE	0537
OGY ORGANELLE MOTILITY	BIOMAGNETISM/ MAGNETIC PARTICLE	0551
STRESS-STRAIN MATERIAL	BIOMECHANICS TISSUE ULTRASTRUCT	0563
ES PHAGOSOME MOTIONS	BIORHEOLOGY BIOMAGNETISM/ MAGN	0537
OPEN PROBABILITY RETINA	BIPOLAR CELLS/ NOISE ANALYSIS PRE	0955
OSPHOLIPID DIACEFYLENE	BIREFRINGENCE DIAMAGNETISM/ ORIE	0295
ODIUM INACTIVATION AND	BLOCK OF SODIUM CHANNELS BY CHL	0155
RIZATION OF ION CHANNEL	BLOCKADE COMPETITIVE BINDING TO P	0405
/ MECHANISMS OF CESIUM	BLOCKADE IN A CESIUM-ACTIVATED PO	0707
NT INTRACELLULAR SPACE	BLOOD BRAIN BARRIER OUABAIN CERE	0611
LAYERS OF SEDIMENTING	BLOOD CASSON VISCOELASTIC VISCO	0229
OF HEMOGLOBIN-S IN RED	BLOOD SICKLE CELLS DIFFERENTIAL P	0947
CIUM-MAGNESIUM BINDING	BLUE MEMBRANE CHROMOPHORE CON	0617
YANIN PHYCOBILIPROTEIN	BLUE-GREEN ALGA FLUORESCENCE KI	0673
TENSION ON IRON-CARBON	BOND RAMAN HEME CYANIDE CYANOM	0801
RA METARHODOPSIN II ON	BOVINE DISK MEMBRANES VISION GTP	0271
ODIUM AND WATER IN THE	BRAIN AND MUSCLE BY NMR SPECTRO	0611
ATION OF PARAMAGNETIC	BROADENING AGENTS FOR SPIN PROB	0625
NCE ANISOTROPY DECAY/	BROWNIAN DYNAMICS SIMULATION OF	0303
IN CHANNELS MEMBRANES	BROWNIAN STOCHASTIC/ STOCHASTIC	0033
	C	
ION OF DIHYDROPYRIDINE	CALCIUM CHANNEL ANTAGONISTS IN C	1021
YER/ HETEROGENEITY OF	CALCIUM CHANNELS FROM A PURIFIED	0891
E RELAXATION EXCHANGE	CALCIUM ENTRY BLOCKERS/ RECEPTO	0729
ANSMITTER RELEASE/ THE	CALCIUM HYPOTHESIS AND MODULATI	0347
AXONS REVEALED BY THE	CALCIUM INDICATOR FURA-2 VOLTAGE-	0571
AR FLOW ERYTHROCYTES	CALCIUM STOMATOGENIC AGENT DEFO	0221
EIN/ ACTIVITY-DEPENDENT	CALCIUM TRANSIENTS IN CNS MYELINA	0571
HROCYTE DEFORMABILITY	CALCIUM-INDUCED LOSS OF DEFORMA	0221
ANE BACTERIORHODOPSIN	CALCIUM-MAGNESIUM BINDING BLUE M	0617
T DIFFRACTION PATTERNS	CALCULATED FROM THREE-DIMENSION	0329
MMETRY PROPERTIES AND	CALCULATIONS MUELLER ELEMENTS A	0929
L SUB-SUBGEL/ SCANNING	CALORIMETRY REVEALS A NEW PHASE	0667
ENTALLY INDUCED COLON	CANCER IONIC CONDUCTANCE RESIST	0783
NCE SODIUM CHANNELS IN	CANINE CARDIAC PURKINJE CELLS PAT	0489
EL PROPERTIES OF SINGLE	CANINE CARDIAC PURKINJE CELLS/ OP	0013
ED INTERNALLY PERFUSED	CANINE CARDIAC PURKINJE CELLS/ SO	0001
IUM CURRENT IN ISOLATED	CANINE CARDIAC PURKINJE MYOCYTE	0519
E CONCEPT OF CHEMICAL	CAPACITANCE IS IT NECESSARY OR ME	0141
ONDUCTANCE RESISTANCE	CAPACITANCE/ EPITHELIAL IMPEDANC	0783
HERN BEAN MOSAIC VIRUS	CAPSID ICOSAHEDRAL VIRUSES ATOMI	0595
CTROPHORUS ELECTRICUS	CARBAMOYLCHOLINE SUBERYLDICHOL	0873
/ PHOTODISSOCIATION OF	CARBON MONOXIDE AND OXYGEN FRO	0885
S IMAGED FROM ISOLATED	CARDIAC CELLS AT REST LIGHT DIFFR	0329
DIUM CHANNELS IN CANINE	CARDIAC PURKINJE CELLS PATCH CLA	0489
ERTIES OF SINGLE CANINE	CARDIAC PURKINJE CELLS/ OPEN SOD	0013
NALLY PERFUSED CANINE	CARDIAC PURKINJE CELLS/ SODIUM C	0001

Subject Context	Keyword	Page No.
RESETTING IN A MODEL OF	CARDIAC PURKINJE FIBER THRESHOLD	0165
RENT IN ISOLATED CANINE	CARDIAC PURKINJE MYOCYTES INWAR	0519
CHANNEL ANTAGONISTS IN	CARDIAC SARCOLEMMAL LIPID MULTIBI	1021
DOPSIN/ THE TRANSDUCIN	CASCADE IS INVOLVED IN THE LIGHT-IN	0587
S OF SEDIMENTING BLOOD	CASSON VISCOELASTIC VISCOSITY/ A	0229
RT PROTONMOTIVE FORCE	CATION CYCLING/ A VARIABLE STOICHI	0637
TASSIUM ACETYLCHOLINE	CATION DIFFUSION ELECTROSTATIC/ E	0455
ON CONDUCTIVITY ATPASE	CATION POLARIZABILITY H-BONDS/ GL	1021
OMEOSTASIS IN BACTERIA	CATION TRANSPORT PROTONMOTIVE F	0637
BILITY AS A FUNCTION OF	CATIONS PRESENT INFRARED INVESTIG	1021
ARTITIONING BEHAVIOR OF	CATPASE IN DIPALMITOYLPHOSPHATID	0241
-TREATED ERYTHROCYTES	CELL ADHESION CELL SURFACE ROUG	0177
FOR RECEPTOR-MEDIATED	CELL ADHESION TO SURFACES RECEP	0475
ADHESION AREA/ USE OF	CELL CONTOUR ANALYSIS TO EVALUA	0177
ABILITY IN CONCENTRATED	CELL ENSEMBLES MEMBRANE PERMEA	0763
L EPITHELIUM STEM CELLS	CELL KINETICS CRYPT INTESTINE EPITH	0279
LOGY/ DETERMINTION OF	CELL MEMBRANE PERMEABILITY IN CO	0763
SHUTTLE SPERM MOTILITY	CELL MOTILITY BIOENERGETICS DYNEI	0075
RESTING ISOLATED HEART	CELL STRIATION PATTERNS SINGLE HE	0317
R BINDING OF LIGANDS TO	CELL SURFACE RECEPTORS/ THE EFF	0657
ROCYTES CELL ADHESION	CELL SURFACE ROUGHNESS ADHESIVE	0177
RESONANCE SPIN LABELS	CELL SURVIVAL CYTOTOXICITY/ AN EV	0625
ORESCENCE MICROSCOPY	CELL-SURFACE RECEPTORS FLUCTUAT	0257
FROM ISOLATED CARDIAC	CELLS AT REST LIGHT DIFFRACTION P	0329
DY OF MOBILITY IN LIVING	CELLS BASED ON COLLOIDAL GOLD A	0775
NALING IN DICTYOSTELIUM	CELLS DICTYOSTELIUM DISCOIDEUM BI	0807
IN-S IN RED BLOOD SICKLE	CELLS DIFFERENTIAL POLARIZATION M	0947
ODIUM CURRENTS IN HAIR	CELLS FROM THE ALLIGATOR COCHLE	0649
LE MOTIONS WITHIN LIVING	CELLS MEASUREMENT OF CYTOPLASM	0551
ANINE CARDIAC PURKINJE	CELLS PATCH CLAMP EXCITABILITY/ L	0489
RYONIC CHICK VENTRICLE	CELLS PATCH CLAMP HEART CELLS W	0095
LE MOTIONS WITHIN LIVING	CELLS PHYSICAL THEORY AND TECHNI	0537
ES OF INTACT MAMMALIAN	CELLS TRANSITION METAL IONS ELECT	0625
ANINE CARDIAC PURKINJE	CELLS/ OPEN SODIUM CHANNEL PROP	0013
ANINE CARDIAC PURKINJE	CELLS/ SODIUM CURRENT IN VOLTAGE	0001
ATORY MOTION DIFFUSION	CELLULAR DYNAMICS/ NANOVID TRAC	0775
IFFUSION HETEROGENEITY	CELLULAR MICROMORPHOLOGY/ DETE	0763
D BRAIN BARRIER OUABAIN	CEREBRAL BLOOD VOLUME DYSPROSI	0611
OCK-ON/ MECHANISMS OF	CESIUM BLOCKADE IN A CESIUM-ACTIV	0707
F CESIUM BLOCKADE IN A	CESIUM-ACTIVATED POTASSIUM CHAN	0707
RS/ ZWITTERIONIC WATER	CHAINS AS HYDROGEN-HYDROXIDE TR	0497
A AND BETA HEMOGLOBIN	CHAINS STUDIED BY USING PICOSECO	0885
IHYDROPYRIDINE CALCIUM	CHANNEL ANTAGONISTS IN CARDIAC S	1021
HARACTERIZATION OF ION	CHANNEL BLOCKADE COMPETITIVE BIN	0405
E-DEPENDENT POTASSIUM	CHANNEL FROM CULTURED MOUSE HIP	0979
M-ACTIVATED POTASSIUM	CHANNEL FROM SMOOTH MUSCLE MU	0707
RSAL POTENTIAL/ SODIUM	CHANNEL KINETICS DURING THE SPON	0095
EMICAL ANALOGUE/ OPEN	CHANNEL NOISE III HIGH-RESOLUTION	1055
NJE CELLS/ OPEN SODIUM	CHANNEL PROPERTIES OF SINGLE CAN	0013
NTINUUM SOLUTION FOR A	CHANNEL THAT CAN BE OCCUPIED BY	0455
CETYLCHOLINE RECEPTOR	CHANNEL-OPENING KINETICS EVALUAT	0873
N AND BLOCK OF SODIUM	CHANNELS BY CHLORAMINE-T IN CRAY	0155
LEAST FOUR STATES FOR	CHANNELS CLOSED BY GLUTAMATE NE	0955
TEROGENEITY OF CALCIUM	CHANNELS FROM A PURIFIED DIHYDRO	0891
NT AXON/ SINGLE SODIUM	CHANNELS FROM THE SQUID GIANT AX	1087
W CONDUCTANCE SODIUM	CHANNELS IN CANINE CARDIAC PURKIN	0489
IC PAIR POTENTIALS/ ION	CHANNELS IN SOUTHERN BEAN MOSAI	0595
RMEATION OF GRAMICIDIN	CHANNELS MEMBRANES BROWNIAN ST	0033
LOSED DURATIONS OF ION	CHANNELS METHOD OF EVALUATION F	0047
ORY OF ION MOVEMENT IN	CHANNELS WITH SINGLE-ION OCCUPAN	0033
LE IONS INSIDE SINGLE ION	CHANNELS/ TRAPPING SINGLE IONS IN	0123
OLECULAR AGGREGATION	CHARACTERIZED BY HIGH ORDER AUT	0257
IC KINETICS/ KINETICS OF	CHARGE TRANSFER AT THE LIPID BILA	0577
N GRAMICIDIN-A AND FOUR	CHEMICAL ANALOGUE/ OPEN CHANNE	1055
RRENT/ THE CONCEPT OF	CHEMICAL CAPACITANCE IS IT NECESS	0141
TICS EVALUATED BY RAPID	CHEMICAL KINETIC AND SINGLECHANN	0873
E NATURE AND ORIGIN OF	CHEMICAL SHIFT FOR INTRACELLULAR	0249
EART BEAT IN EMBRYONIC	CHICK VENTRICLE CELLS PATCH CLAM	0095
OF SODIUM CHANNELS BY	CHLORAMINE-T IN CRAYFISH AND SQUI	0155
E FLUORESCENCE DECAY	CHLOROPHYLL FLUORESCENCE PHOT	0717
OBED BY TIME-RESOLVED	CHLOROPHYLL FLUORESCENCE SPECT	0717
ENT PHORMIDIUM LURIDUM	CHLOROPHYLL PROTEINS P700/ PICOS	0829
RSTUDY/ THE EFFECTS OF	CHOLESTEROL ON LATERAL DIFFUSIO	1031
BINDING BLUE MEMBRANE	CHROMOPHORE CONFORMATION PROT	0617
IUM CURRENT IN VOLTAGE	CLAMPED INTERNALLY PERFUSED CAN	0001
R STATES FOR CHANNELS	CLOSED BY GLUTAMATE NEUROTRANS	0955
T CALCIUM TRANSIENTS IN	CNS MYELINATED AXONS REVEALED B	0571
LLS FROM THE ALLIGATOR	COCHLEA/ TETRODOTOXIN-SENSITIVE,	0649
OMPLEX OF ESCHERICHIA	COLI SINGLE-STRANDED DNA BINDING	0867
RING PROTEIN DYNAMICS/	COLLAGEN AN INELASTIC NEUTRON-SC	0343
NCY VIBRATIONAL MODES	COLLAGEN NEUTRON SCATTERING PR	0343
N LIVING CELLS BASED ON	COLLOIDAL GOLD AND VIDEO MICROS	0775
XPERIMENTALLY INDUCED	COLON CANCER IONIC CONDUCTANCE	0783
OUS BACTERIOPHAGE-PF1	COMPARISON OF VIRION IN FIBERS AN	0199
F ION CHANNEL BLOCKADE	COMPETITIVE BINDING TO PERIODICALL	0405
OF TRYPTOPHAN-54 IN THE	COMPLEX OF ESCHERICHIA COLI SINGL	0867
IVE DIGESTION OF ELASTIC	COMPONENTS IN SINGLE-SKINNED FIBE	0029
TUATIONS CORRELATIONS	COMPUTER SIMULATIONS/ FREQUENCI	0047
MBRANE PERMEABILITY IN	CONCENTRATED CELL ENSEMBLES ME	0763
N FREE-VOLUME PROTEIN/	CONCENTRATION DEPENDENCE OF PR	0137
VERY LOW PERMEANT ION	CONCENTRATIONS/ GRAMICIDIN-MEDIA	0109
CED COLON CANCER IONIC	CONDUCTANCE RESISTANCE CAPACITA	0783
LAMP EXCITABILITY/ LOW	CONDUCTANCE SODIUM CHANNELS IN	0489
NAMIC PROTEIN FOLDING/	CONFIGURATIONAL ENTROPY OF NATIV	1083
ATION IMAGING III THEORY	CONFIRMATION PATTERNS OF POLYME	0947
ED PROTON TRANSPORT/	CONFORMATIONAL CHANGES IN BACTE	0629
Y ON THE FORWARD RATE	CONSTANT FOR BINDING OF LIGANDS	0657
E DISTRIBUTION OF DECAY	CONSTANTS IN PULSE-FLUORIMETRY U	0693
ULTRASTRUCTURE/ A NEW	CONSTITUTIVE FORMULATION FOR CH	0563
AT HIGH AND LOW WATER	CONTENTS POTASSIUM-31-NMR PHASE	0145
N ELECTROSTATIC/ EXACT	CONTINUUM SOLUTION FOR A CHANNE	0455
SION AREA/ USE OF CELL	CONTOUR ANALYSIS TO EVALUATE TH	0177
LOCITY IN SKINNED FIBERS	CONTRACTION FROG FIBERS CROSSBR	1091
RIUM MOBILITY SURFACE/	CONTRASTING MOLECULAR DYNAMICS	0855
MODEL TO DESCRIBE THE	COOPERATIVE BINDING OF MYOSIN SU	0215
STEP LIGAND BINDING AND	COOPERATIVITY A MODEL TO DESCRIB	0215
E ACTIVE SITE/ POSSIBLE	COOPERATIVITY IN CROSSBRIDGE DET	1077
IGHLY SCATTERING MEDIA	CORRECTIONS TO THE DETERMINATION	0311
LATION IN FLUORESCENCE	CORRELATION SPECTROSCOPY FLUOR	0257
CORDINGS FLUCTUATIONS	CORRELATIONS COMPUTER SIMULATIO	0047
VE FORCE BIOENERGETICS	COUPLING/ THE STALL TORQUE OF TH	0413
NELS BY CHLORAMINE-T IN	CRAYFISH AND SQUID GIANT AXONS F	0155
RGETICS DYNEIN ATPASE/	CREATINE-KINASE-DEPENDENT ENERGY	0075
L FORCE-VELOCITY CURVE	CROSS-BRIDGES POLYMERS LASER/ M	0057
THE APPARENT RATES OF	CROSSBRIDGE ATTACHMENT AND DET	1039
SSIBLE COOPERATIVITY IN	CROSSBRIDGE DETACHMENT IN MUSCL	1077
NTRACTION FROG FIBERS	CROSSBRIDGE FILAMENT SPACING ACT	1091
ITIONS SKELETAL MUSCLE	CROSSBRIDGE FORCE/ THE INFLUENC	0901
CE OF DOUBLY ATTACHED	CROSSBRIDGES ON THE MECHANICAL	0901
HELIA/ THE CRYPT CYCLE	CRYPT AND VILLUS PRODUCTION IN TH	0279
INTESTINE EPITHELIA/ THE	CRYPT CYCLE CRYPT AND VILLUS PRO	0279
TEM CELLS CELL KINETICS	CRYPT INTESTINE EPITHELIA/ THE CRY	0279
OTASSIUM CHANNEL FROM	CULTURED MOUSE HIPPOCAMPAL NEU	0979
ETIC AND SINGLECHANNEL	CURENT MEASUREMENTS ELECTROPH	0873
RECORDINGS SHOW RAPID	CURRENT FLUCTUATIONS IN GRAMICIDI	1055
BACKGROUND POTASSIUM	CURRENT IN ISOLATED CANINE CARDIA	0519
PURKINJE CELLS/ SODIUM	CURRENT IN VOLTAGE CLAMPED INTER	0001
GATION/ EXTRACELLULAR	CURRENTS AND POTENTIALS OF THE A	0749
NS/ GRAMICIDIN-MEDIATED	CURRENTS AT VERY LOW PERMEANT I	0109
TAGE-DEPENDENT SODIUM	CURRENTS IN HAIR CELLS FROM THE A	0649
IPID BILAYER MECHANICAL	CURVATURE ELASTICITY MEMBRANE T	0391
RBON BOND RAMAN HEME	CYANIDE CYANOMET DISTORTION LIGA	0801
ND RAMAN HEME CYANIDE	CYANOMET DISTORTION LIGAND BINDI	0801
OF STERICALLY HINDERED	CYANOMET STRAPPED HEMES EFFECT	0801
INE EPITHELIA/ THE CRYPT	CYCLE CRYPT AND VILLUS PRODUCTIO	0279
PY/ THE PHOTOCHEMICAL	CYCLE OF HALORHODOPSIN ABSOLUT	0999
OR DESENSITIZATION FOR	CYCLIC AMP SIGNALING IN DICTYOSTE	0807
LLOW, LIQUID MEMBRANE	CYLINDERS PHOSPHOLIPID BILAYER M	0391
WATER NUCLEI IN ARTEMIA	CYSTS/ THE NATURE AND ORIGIN OF C	0249
RMS OF HORSE AND TUNA	CYTOCHROME-C NMR HEME PROTEIN/	0101
FILMS/ THE LOCATION OF	CYTOCHROME-C ON THE SURFACE OF	0735
THEORY AND TECHNIQUES	CYTOPLASMIC ORGANELLES LUNG MA	0537
CELLS MEASUREMENT OF	CYTOPLASMIC VISCOSITY AND MOTILE	0551
SITY AND MOTILE ACTIVITY	CYTOSKELETON LUNG MACROPHAGES	0551
G 3-D RECONSTRUCTIONS	CYTOSKELETON/ SARCOMERE LENGT	0317
IN LABELS CELL SURVIVAL	CYTOTOXICITY/ AN EVALUATION OF P	0625

D

CTROSCOPY AND GLOBAL	DATA ANALYSIS PICOSECOND FLUORE	0717
NALYSIS OF PATCH-CLAMP	DATA ION CHANNEL INFORMATION RAT	0961
AUDIO PROCESSOR-BASED	DATA RECORDING SYSTEM PATCH CLA	0653
NEL HISTOGRAMS FITTING/	DATA TRANSFORMATIONS FOR IMPRO	1047
ZING THE DISTRIBUTION OF	DECAY CONSTANTS IN PULSE-FLUORIM	0693
ALCIUM-INDUCED LOSS OF	DEFORMABILITY AND THE EFFECTS OF	0221
STUDY OF ERYTHROCYTE	DEFORMABILITY CALCIUM-INDUCED LO	0221
GENIC REAGENTS ON THE	DEFORMABILITY LOSS IN HUMAN ERYT	0221
UM STOMATOGENIC AGENT	DEFORMABILITY RECOVERY SPIN LABE	0221
AMPLITUDE OSCILLATORY	DEFORMATION MEMBRANE SHEAR VIS	0357
ABLE PHOTOPRODUCT OF	DEIONIZED PURPLE MEMBRANE BACTE	0617
PECTROSCOPY/ THERMAL	DENATURATION OF GLOBULAR PROTEI	0069
HE EFFECT OF RECEPTOR	DENSITY ON THE FORWARD RATE CON	0657
N ENERGY/ TEMPERATURE	DEPENDENCE OF G-PROTEIN ACTIVATI	0271
ROTEIN/ CONCENTRATION	DEPENDENCE OF PROTEIN DIFFUSION	0137
MUSCLE/ EFFECT OF ATP	DEPLETION ON THE ISOLATED THICK FI	0859
NTS ANISOTROPIC MEDIUM	DEPTH-OF-FIELD ROTATIONAL SYMMET	0929
DEL BASED ON RECEPTOR	DESENSITIZATION FOR CYCLIC AMP SI	0807
BRIDGE ATTACHMENT AND	DETACHMENT ESTIMATED FROM ATPA	1039
RATIVITY IN CROSSBRIDGE	DETACHMENT IN MUSCLE FIBERS HAVI	1077
ENOSINE ANTAGONISM AS	DETECTED BY H-1-NMR RELAXATION IN	0729
TICLES ENERGY TRANSFER	DETERGENT PHORMIDIUM LURIDUM CH	0829
ED FLUORESCENCE FROM	DETERGENT-FREE PHOTOSYSTEM-I PA	0829
DIA CORRECTIONS TO THE	DETERMINATION OF QUANTUM YIELDS	0311
MERE LENGTH UNIFORMITY	DETERMINED FROM THREE-DIMENSION	0317
BACTERIORHODOPSIN NMR	DEUTERIUM MOBILITY SURFACE/ CONT	0855
ETIC FIELD PHOSPHOLIPID	DIACEFYLENE BIREFRINGENCE DIAMAG	0295
CEFYLENE BIREFRINGENCE	DIAMAGNETISM/ ORIENTATION OF LIPI	0295
CYCLIC AMP SIGNALING IN	DICTYOSTELIUM CELLS DICTYOSTELIU	0807
IN DICTYOSTELIUM CELLS	DICTYOSTELIUM DISCOIDEUM BIOLOGI	0807
ION/ RESONANCES IN THE	DIELECTRIC ABSORPTION OF DNA? PL	0421
SH PHOTOLYSIS AND FAST	DIFFERENCE SPECTRA MEASUREMENT	0999
RINSIC OPTICAL ACTIVITY/	DIFFERENTIAL POLARIZATION IMAGING	0911
ETAPHASE CHROMOSOME/	DIFFERENTIAL POLARIZATION IMAGING	0929

Subject Context	Keyword	Page No.
NEAR DICHROISM IMAGES/	DIFFERENTIAL POLARIZATION IMAGING	0947
RED BLOOD SICKLE CELLS	DIFFEPENTIAL POLARIZATION MICROS	0947
MUSCLE BY WHITE LIGHT	DIFFRACTION ACOUSTO-OPTICAL FOR	0057
LAYER FILMS USING X-RAY	DIFFRACTION NONPERIODIC ULTRATHI	0735
S OBSERVED BY NEUTRON	DIFFRACTION ON RETINAL ROD OUTER	0587
TICAL FRAUNHOFER LIGHT	DIFFRACTION PATTERNS CALCULATED	0329
HOLESTEROL ON LATERAL	DIFFUSION AND VERTICAL FLUCTUATIO	1031
COPY SALTATORY MOTION	DIFFUSION CELLULAR DYNAMICS/ NAN	0775
DEPENDENCE OF PROTEIN	DIFFUSION DIFFUSION FREE-VOLUME P	0137
M ACETYLCHOLINE CATION	DIFFUSION ELECTROSTATIC/ EXACT C	0455
CE OF PROTEIN DIFFUSION	DIFFUSION FREE-VOLUME PROTEIN/ C	0137
ILITY VOLUME AVERAGING	DIFFUSION HETEROGENEITY CELLULAR	0783
CALCULATIONS/ LATERAL	DIFFUSION IN AN ARCHIPELAGO THE E	0989
LTIBILAYERS DRUG FRAP/	DIFFUSION OF DIHYDROPYRIDINE CALC	1021
HIGH-ENERGY PHOSPHATE	DIFFUSION PHOSPHOCREATINE SHUTTL	0075
RESTRICTED ROTATIONAL	DIFFUSION ROTATIONAL CORRELATION	0303
TIDYLCHOLINE DODECANE	DIFFUSION/ HYDROPHOBIC MOLECULE	0145
LING WITH THE SELECTIVE	DIGESTION OF ELASTIC COMPONENTS I	0029
MPUTER INTERFACE FOR A	DIGITAL AUDIO PROCESSOR-BASED DA	0653
H-BONDS/ GLUTAMIC ACID	DIHYDROGEN PHOSPHATE HYDROGEN-	1021
RUG FRAP/ DIFFUSION OF	DIHYDROPYRIDINE CALCIUM CHANNEL	1021
ANNELS FROM A PURIFIED	DIHYDROPYRIDINE RECEPTOR PREPAR	0891
31-NMR PHASE EQUILIBRIA	DIOLEOYLPHOSPHATIDYLCHOLINE DOD	0145
VESICLES ELLIPSOMETRY	DIOLEOYLPHOSPHATIDYLCHOLINE/ DIR	0351
BEHAVIOR OF CATPASE IN	DIPALMITOYLPHOSPHATIDYLETHANOLA	0241
LPHOSPHATIDYLCHOLINE/	DIRECT EVIDENCE FOR THE FORMATIO	0351
ARHODOPSIN II ON BOVINE	DISK MEMBRANES VISION GTP ACTIVAT	0271
RMATIONS FOR IMPROVED	DISPLAY AND FITTING OF SINGLE-CHAN	1047
EMES EFFECTS OF LIGAND	DISTORTION AND BASE TENSION ON IR	0801
HEME CYANIDE CYANOMET	DISTORTION LIGAND BINDING IRON-CYA	0801
IA COLI SINGLE-STRANDED	DNA BINDING PROTEIN WITH SINGLE-ST	0867
ELECTRIC ABSORPTION OF	DNA? PLASMID DNA RESONANCE ABSO	0421
YLPHOSPHATIDYLCHOLINE	DODECANE DIFFUSION/ HYDROPHOBIC	0145
CRYLAMIDE/ FREQUENCY	DOMAIN MEASUREMENTS OF THE FLU	0467
ER IN MAXIMALLY PACKED	DONOR-ACCEPTOR SYSTEMS BACTERI	0509
AN ELECTRON-ELECTRON	DOUBLE RESONANCE ELDORSTUDY/ T	1031
GE IN HEMOGLOBIN-A THE	DOUBLE-HUMP EFFECT HEMOGLOBIN O	0527
ORCE/ THE INFLUENCE OF	DOUBLY ATTACHED CROSSBRIDGES O	0901
MAL LIPID MULTIBILAYERS	DRUG FRAP/ DIFFUSION OF DIHYDROP	1021
OF PAIRED OPEN-CLOSED	DURATIONS OF ION CHANNELS METHO	0047
TING OF SINGLE-CHANNEL	DWELL TIME HISTOGRAMS SINGLE-CHA	1047
ITED STATES PORPHYRINE	DYNAMIC-VS-STATIC KINETICS/ KINETI	0577
TROPY DECAY/ BROWNIAN	DYNAMICS SIMULATION OF RESTRICTE	0303
MOTILITY BIOENERGETICS	DYNEIN ATPASE/ CREATINE-KINASE-DE	0075
EREBRAL BLOOD VOLUME	DYSPROSIUM/ IN-VIVO MEASUREMENT	0611

E

D WATER IN MIXTURES OF	EGG LECITHIN AND WATER/ PARTIAL S	0663
HE ONE-MICROSECOND TO	EIGHT-SECOND TIME WINDOW PHOTOT	1071
SELECTIVE DIGESTION OF	ELASTIC COMPONENTS IN SINGLE-SKIN	0029
BRANE SHEAR VISCOSITY	ELASTICITY GHOST/ VISCOELASTICITY	0357
RON DOUBLE RESONANCE	ELDORSTUDY/ THE EFFECTS OF CHOL	1031
RYTHROCYTE GHOSTS BY	ELECTRIC PULSES IS NOT LATERALLY	1015
ATERALLY MOBILE FUSION	ELECTROFUSION ELECTROPORES LAT	1015
ED ON FREEZE-FRACTURE	ELECTRON MICROSCOPY/ LATERAL IN	0427
S TRANSITION METAL IONS	ELECTRON SPIN RESONANCE SPIN LAB	0625
NANOSECOND TIME SCALE	ELECTRON TRANSFER EXCITED STATE	0577
TION IN LIPID BILAYERS AN	ELECTRON-ELECTRON DOUBLE RESON	1031
CURENT MEASUREMENTS	ELECTROPHORUS ELECTRICUS CARBA	0873
E FUSION ELECTROFUSION	ELECTROPORES LATERAL MOBILITY/ T	1015
HOLINE CATION DIFFUSION	ELECTROSTATIC/ EXACT CONTINUUM	0455
AYER FROM A BILAYER AN	ELLIPSOMETRIC STUDY AT THE NITROG	0351
TER INTERFACE VESICLES	ELLIPSOMETRY DIOLEOYLPHOSPHATID	0351
NTANEOUS HEART BEAT IN	EMBRYONIC CHICK VENTRICLE CELLS	0095
A KINETIC MODEL FOR THE	ENERGY TRANSER IN PHYCOBILISOME	0673
HOTOSYSTEM-I PARTICLES	ENERGY TRANSFER DETERGENT PHOR	0829
EMBRANE FLUORESCENCE	ENERGY TRANSFER IN MAXIMALLY PA	0509
ATINE-KINASE-DEPENDENT	ENERGY TRANSPORT IN SEA URCHIN S	0075
Y IN CONCENTRATED CELL	ENSEMBLES MEMBRANE PERMEABILIT	0763
ETRY USING THE MAXIMUM	ENTROPY METHOD FLUORESCENCE DE	0693
LDING/ CONFIGURATIONAL	ENTROPY OF NATIVE PROTEINS NORM	1083
E PROBING MOBILITY AND	ENVIRONMENT WITH TOTAL INTERNAL	0367
INETICS CRYPT INTESTINE	EPITHELIA/ THE CRYPT CYCLE CRYPT	0279
ESISTANCE CAPACITANCE/	EPITHELIAL IMPEDANCE ANALYSIS IN E	0783
IN THE ADULT INTESTINAL	EPITHELIUM STEM CELLS CELL KINETIC	0279
OF THE HOST LATTICE ESR	EPR SPIN-LABEL LIPOSOME ORIENTED	0187
ITY RECOVERY SPIN LABEL	EPR/ SPIN-LABEL STUDY OF ERYTHRO	0221
AL MUSCLE FIBERS UNDER	EQUILIBRIUM CONDITIONS SKELETAL M	0901
QUILIBRIUM/ MECHANICAL	EQUILIBRIUM OF THICK, HOLLOW, LIQU	0391
PR/ SPIN-LABEL STUDY OF	ERYTHROCYTE DEFORMABILITY CALCI	0221
OGENIC STATE INDUCED IN	ERYTHROCYTE GHOSTS BY ELECTRIC	1015
COELASTICITY OF PACKED	ERYTHROCYTE SUSPENSIONS SUBJEC	0357
ROCYTES IN SHEAR FLOW	ERYTHROCYTES CALCIUM STOMATOGE	0221
LUTARALDEHYDE-TREATED	ERYTHROCYTES CELL ADHESION CELL	0177
MABILITY LOSS IN HUMAN	ERYTHROCYTES IN SHEAR FLOW ERYT	0221
AN-54 IN THE COMPLEX OF	ESCHERICHIA COLI SINGLE-STRANDED	0867
ION OF THE HOST LATTICE	ESR EPR SPIN-LABEL LIPOSOME ORIEN	0187
HMENT AND DETACHMENT	ESTIMATED FROM ATPASE ACTIVITY IN	1039
EMBRANE PROTEINS VALID	ESTIMATES BASED ON FREEZE-FRACT	0427
LL CONTOUR ANALYSIS TO	EVALUATE THE AFFINITY BETWEEN MA	0177
ANNEL-OPENING KINETICS	EVALUATED BY RAPID CHEMICAL KINET	0873
VIVAL CYTOTOXICITY/ AN	EVALUATION OF PARAMAGNETIC BROA	0625
HATIDYLCHOLINE/ DIRECT	EVIDENCE FOR THE FORMATION OF A	0351
FFUSION ELECTROSTATIC/	EXACT CONTINUUM SOLUTION FOR A C	0455
S SELECTIVE RELAXATION	EXCHANGE CALCIUM ENTRY BLOCKER	0729
INJE CELLS PATCH CLAMP	EXCITABILITY/ LOW CONDUCTANCE S	0489
AL INTERNAL REFLECTION	EXCITED FLUORESCENCE/ BIOLOGICA	0367
ALE ELECTRON TRANSFER	EXCITED STATES PORPHYRINE DYNAMI	0577
L IMPEDANCE ANALYSIS IN	EXPERIMENTALLY INDUCED COLON CA	0783
R MEMBRANES TRANSIENT	EXTRA METARHODOPSIN II ON BOVINE	0271
NT NERVE PROPAGATION/	EXTRACELLULAR CURRENTS AND POT	0749
S OF INTRACELLULAR AND	EXTRACELLULAR SODIUM AND WATER	0611

F

ARIZING PULSES SYNAPSE	FACILITATION OR SYNAPTIC FACILITATI	0347
Y FLASH PHOTOLYSIS AND	FAST DIFFERENCE SPECTRA MEASURE	0999
AND SQUID GIANT AXONS	FAST INACTIVATION SLOW INACTIVATI	0155
OVERHAUSER EFFECT FOR	FERRIC FORMS OF HORSE AND TUNA	0101
ATIDYLCHOLINE MIXTURES	FFIR LIPID-PROTEIN LIPID PHASE BEHA	0241
URE AND IONIC STRENGTH	FIBER DIFFRACTION VIRUS/ STRUCTUR	0199
CTIVE MYELINATED NERVE	FIBER NERVE ELECTROPHYSIOLOGY M	0749
EL OF CARDIAC PURKINJE	FIBER THRESHOLD SUPERNORMALITY	0165
COMPARISON OF VIRION IN	FIBERS AND SOLUTION THE EFFECT OF	0199
ING VELOCITY IN SKINNED	FIBERS CONTRACTION FROG FIBERS C	1091
E SHORTENING IN SKINNED	FIBERS FROM FROG MUSCLE BY WHIT	0057
E DETACHMENT IN MUSCLE	FIBERS HAVING MAGNESIUM PYROPHO	1077
SKINNED SINGLE MUSCLE	FIBERS INFLUENCE OF FILAMENT LATTI	0127
NENTS IN SINGLE-SKINNED	FIBERS OF FROG MUSCLE/ LATTICE S	0029
IOR OF SKELETAL MUSCLE	FIBERS UNDER EQUILIBRIUM CONDITIO	0901
IN INSECT FLIGHT MUSCLE	FIBRILLAR MUSCLE MECHANICAL KINET	1039
TUBULES BY A MAGNETIC	FIELD PHOSPHOLIPID DIACEFYLENE BI	0295
CLE FIBERS INFLUENCE OF	FILAMENT LATTICE SPACING/ SHORTE	0127
N ON THE ISOLATED THICK	FILAMENT OF LIMULUS STRIATED MUS	0859
OG FIBERS CROSSBRIDGE	FILAMENT SPACING ACTOMYOSIN/ LET	1091
RAL RESPONSIVENESS OF	FILAMENTOUS BACTERIOPHAGE-PF1 C	0199
RATHIN LIPID MULTILAYER	FILMS USING X-RAY DIFFRACTION NON	0735
MUELLER MATRIX IMAGES	FIRST BORN-APPROXIMATION INTRINSI	0911
R IMPROVED DISPLAY AND	FITTING OF SINGLE-CHANNEL DWELL TI	1047
LE-CHANNEL HISTOGRAMS	FITTING/ DATA TRANSFORMATIONS FO	1047
ORQUE OF THE BACTERIAL	FLAGELLAR MOTOR FLAGELLUM PROT	0413
EA URCHIN SPERMATOZOA	FLAGELLAR WAVE ATTENUATION AND	0075
ERIAL FLAGELLAR MOTOR	FLAGELLUM PROTON-MOTIVE FORCE B	0413
ERMEDIATES OBTAINED BY	FLASH PHOTOLYSIS AND FAST DIFFER	0999
IAL SENSORY RHODOPSIN-I	FLASH PHOTOLYSIS STUDY IN THE ON	1071
N PHOTOCHEMICAL CYCLE	FLASH SPECTROSCOPY/ THE PHOTOC	0999
TPASE ACTIVITY IN INSECT	FLIGHT MUSCLE FIBRILLAR MUSCLE M	1039
ERYTHROCYTES IN SHEAR	FLOW ERYTHROCYTES CALCIUM STOM	0221
DIFFUSION AND VERTICAL	FLUCTUATION IN LIPID BILAYERS AN EL	1031
LE-CHANNEL RECORDINGS	FLUCTUATIONS CORRELATIONS COMP	0047
GS SHOW RAPID CURRENT	FLUCTUATIONS IN GRAMICIDIN-A AND F	1055
IPID-WATER MULTILAYERS	FLUCTUATIONS MEMBRANES PHASE T	0401
ELL-SURFACE RECEPTORS	FLUCTUATIONS RECEPTOR CLUSTERIN	0257
ID MONOLAYERS BETWEEN	FLUID AND SOLID STATES SYNCHROTR	0381
NEUTROPHIL MEMBRANE I	FLUNARIZINE-ADENOSINE ANTAGONISM	0729
TION WOBBLING-IN-A-CONE	FLUORESCENCE ANISOTROPY DECAY/	0303
DER AUTOCORRELATION IN	FLUORESCENCE CORRELATION SPECT	0257
OSECOND FLUORESCENCE	FLUORESCENCE DECAY CHLOROPHYL	0717
XIMUM ENTROPY METHOD	FLUORESCENCE DECAY LIFETIME SHA	0893
AL IN PURPLE MEMBRANE	FLUORESCENCE ENERGY TRANSFER IN	0509
OSECOND TIME-RESOLVED	FLUORESCENCE FROM DETERGENT-FR	0829
ROTEIN BLUE-GREEN ALGA	FLUORESCENCE KINETICS PICOSECON	0673
N MEASUREMENTS OF THE	FLUORESCENCE LIFETIME OF RIBONUC	0467
RELATION SPECTROSCOPY	FLUORESCENCE MICROSCOPY CELL-S	0257
WO-DIMENSIONAL PHASES	FLUORESCENCE MICROSCOPY/ PHOS	0381
IME OF RIBONUCLEASE-T-1	FLUORESCENCE QUENCHING TRYPTOP	0467
-RESOLVED CHLOROPHYLL	FLUORESCENCE SPECTROSCOPY AND	0717
ESCENCE/ TRANSPORT OF	FLUORESCENCE THROUGH HIGHLY SC	0311
NAL REFLECTION EXCITED	FLUORESCENCE/ BIOLOGICAL MEMBR	0367
YIELDS LIGHT SCATTERING	FLUORESCENCE/ TRANSPORT OF FLU	0311
CTION ACOUSTO-OPTICAL	FORCE-VELOCITY CURVE CROSS-BRID	0057
AL MUSCLE CROSSBRIDGE	FORCE/ THE INFLUENCE OF DOUBLY A	0901
IRECT EVIDENCE FOR THE	FORMATION OF A MONOLAYER FROM	0351
ECITHIN-WATER SYSTEMS I	FORMATION OF REVERSED HEXAGONA	0145
RE/ A NEW CONSTITUTIVE	FORMULATION FOR CHARACTERIZING	0563
ECEPTOR DENSITY ON THE	FORWARD RATE CONSTANT FOR BINDI	0657
IONS IN GRAMICIDIN-A AND	FOUR CHEMICAL ANALOGUE/ OPEN CH	1055
LYSIS PREDICTS AT LEAST	FOUR STATES FOR CHANNELS CLOSED	0955
OF GLOBULAR PROTEINS	FOURIER-TRANSFORM INFRARED STUD	0069
HIPPOCAMPAL NEURONS/	FRACTAL ANALYSIS OF A VOLTAGE-DE	0979
D AND PURPLE MEMBRANE	FRACTIONS OF THE HALOBACTERIUM H	0855
IPID MULTIBILAYERS DRUG	FRAP/ DIFFUSION OF DIHYDROPYRIDIN	1021
TRUCTIONS/ THEORETICAL	FRAUNHOFER LIGHT DIFFRACTION PAT	0329
TEIN DIFFUSION DIFFUSION	FREE-VOLUME PROTEIN/ CONCENTRAT	0137
LID ESTIMATES BASED ON	FREEZE-FRACTURE ELECTRON MICROS	0427
COMPUTER SIMULATIONS/	FREQUENCIES OF PAIRED OPEN-CLOS	0047
AN RESIDUE ACRYLAMIDE/	FREQUENCY DOMAIN MEASUREMENTS	0467
ILAYER LIPID MEMBRANES	FREQUENCY-DEPENDENT TENSION AND	0087
NED FIBERS CONTRACTION	FROG FIBERS CROSSBRIDGE FILAMEN	1091
IN SKINNED FIBERS FROM	FROG MUSCLE BY WHITE LIGHT DIFFR	0057
INGLE-SKINNED FIBERS OF	FROG MUSCLE/ LATTICE SWELLING WI	0029

Subject Context	Keyword	Page No.
TON POLARIZABILITY AS A	FUNCTION OF CATIONS PRESENT INFR	1021
Y THE CALCIUM INDICATOR	FURA-2 VOLTAGE-SENSITIVE DYES GLI	0571
IS NOT LATERALLY MOBILE	FUSION ELECTROFUSION ELECTROPOR	1015
OBILITY/ THE LONG-LIVED	FUSOGENIC STATE INDUCED IN ERYTH	1015
	G	
ERATURE DEPENDENCE OF	G-PROTEIN ACTIVATION IN PHOTORECE	0271
OR THE ORGANIZATION OF	GAP JUNCTIONS/ LATERAL INTERACTI	0441
RANYL ACETATE INDUCES	GEL-PHASE FORMATION IN MODEL LIPI	0501
AR VISCOSITY ELASTICITY	GHOST/ VISCOELASTICITY OF PACKED	0357
INDUCED IN ERYTHROCYTE	GHOSTS BY ELECTRIC PULSES IS NOT	1015
ANNELS FROM THE SQUID	GIANT AXON/ SINGLE SODIUM CHANNE	1087
-T IN CRAYFISH AND SQUID	GIANT AXONS FAST INACTIVATION SLO	0155
VOLTAGE-SENSITIVE DYES	GLIA OLIGODENDROCYTE OPTIC NERV	0571
NCE SPECTROSCOPY AND	GLOBAL DATA ANALYSIS PICOSECOND	0717
ERMAL DENATURATION OF	GLOBULAR PROTEINS FOURIER-TRANS	0069
OR CHANNELS CLOSED BY	GLUTAMATE NEUROTRANSMITTER SYN	0955
POLARIZABILITY H-BONDS/	GLUTAMIC ACID DIHYDROGEN PHOSPH	1021
WEEN MACROPHAGES AND	GLUTARALDEHYDE-TREATED ERYTHRO	0177
LLS BASED ON COLLOIDAL	GOLD AND VIDEO MICROSCOPY SALTA	0775
SODIUM PERMEATION OF	GRAMICIDIN CHANNELS MEMBRANES B	0033
URRENT FLUCTUATIONS IN	GRAMICIDIN-A AND FOUR CHEMICAL AN	1055
NT ION CONCENTRATIONS/	GRAMICIDIN-MEDIATED CURRENTS AT V	0109
TATE TRANSITIONS IN THE	GREEN ALGA SCENEDESMUS OBLIQUU	0717
AMICS OF THE PHOSPHATE	GROUP IN PHOSPHOLIPID BILAYERS A	0791
DISK MEMBRANES VISION	GTP ACTIVATION ENERGY/ TEMPERAT	0271
STERIC PERIODIC ACCESS	GUARDED RECEPTOR/ THEORETICAL C	0405
	H	
E CATION POLARIZABILITY	H-BONDS/ GLUTAMIC ACID DIHYDROGE	1021
GONISM AS DETECTED BY	H-1-NMR RELAXATION INVESTIGATIONS	0729
ENT SODIUM CURRENTS IN	HAIR CELLS FROM THE ALLIGATOR CO	0649
BRANE FRACTIONS OF THE	HALOBACTERIUM HALOBIUM BACTERIO	0855
DUCT OF HALORHODOPSIN	HALOBACTERIUM HALOBIUM PHOTOCH	1007
AXIS BACTERIORHODOPSIN	HALOBACTERIUM RETINAL PHOTOSENS	1071
S OF THE HALOBACTERIUM	HALOBIUM BACTERIORHODOPSIN NMR	0855
HOTOCHEMICAL CYCLE OF	HALORHODOPSIN ABSOLUTE SPECTRA	0999
INING PHOTOPRODUCT OF	HALORHODOPSIN HALOBACTERIUM HA	1007
SPECTRA MEASUREMENTS	HALORHODOPSIN PHOTOCHEMICAL CY	0999
AMIC PROPERTIES OF THE	HAPTENIC SITE OF LIPID HAPTENS IN P	0187
E HAPTENIC SITE OF LIPID	HAPTENS IN PHOSPHATIDYLCHOLINE M	0187
SPIN-LATTICE RELAXATION	HEADGROUP/ DYNAMICS OF THE PHOS	0791
URING THE SPONTANEOUS	HEART BEAT IN EMBRYONIC CHICK VEN	0095
NS OF RESTING ISOLATED	HEART CELL STRIATION PATTERNS SIN	0317
ICLE CELLS PATCH CLAMP	HEART CELLS WHOLE-CELL CLAMP RE	0095
ON-CARBON BOND RAMAN	HEME CYANIDE CYANOMET DISTORTIO	0801
UNA CYTOCHROME-C NMR	HEME PROTEIN/ PROTON HYPERFINE R	0101
ED CYANOMET STRAPPED	HEMES EFFECTS OF LIGAND DISTORTI	0801
N FROM ALPHA AND BETA	HEMOGLOBIN CHAINS STUDIED BY USI	0885
HE DOUBLE-HUMP EFFECT	HEMOGLOBIN OXYGEN BINDING ORGAN	0527
NOPHOSPHATE LINKAGE IN	HEMOGLOBIN-A THE DOUBLE-HUMP EF	0527
S OF POLYMERIZATION OF	HEMOGLOBIN-S IN RED BLOOD SICKLE	0947
ME AVERAGING DIFFUSION	HETEROGENEITY CELLULAR MICROMO	0763
ELETAL MUSCLE BILAYER/	HETEROGENEITY OF CALCIUM CHANNE	0891
FORMATION OF REVERSED	HEXAGONAL PHASES AT HIGH AND LO	0145
D HEXAGONAL PHASES AT	HIGH AND LOW WATER CONTENTS POT	0145
HEORETICAL ANALYSIS OF	HIGH-ENERGY PHOSPHATE DIFFUSION	0075
/ OPEN CHANNEL NOISE III	HIGH-RESOLUTION RECORDINGS SHOW	1055
FLUORESCENCE THROUGH	HIGHLY SCATTERING MEDIA CORRECTI	0311
N STUDIES OF STERICALLY	HINDERED CYANOMET STRAPPED HEM	0801
L FROM CULTURED MOUSE	HIPPOCAMPAL NEURONS/ FRACTAL A	0979
OGRAMS SINGLE-CHANNEL	HISTOGRAMS FITTING/ DATA TRANSFO	1047
GLE-CHANNEL DWELL TIME	HISTOGRAMS SINGLE-CHANNEL HISTOG	1047
AL EQUILIBRIUM OF THICK,	HOLLOW, LIQUID MEMBRANE CYLINDE	0391
HIOMETRY MODEL FOR PH	HOMEOSTASIS IN BACTERIA CATION TR	0637
CT FOR FERRIC FORMS OF	HORSE AND TUNA CYTOCHROME-C NM	0101
PHASE TRANSITION OF THE	HOST LATTICE ESR EPR SPIN-LABEL LI	0187
E DEFORMABILITY LOSS IN	HUMAN ERYTHROCYTES IN SHEAR FLO	0221
DIHYDROGEN PHOSPHATE	HYDROGEN-BONDED NETWORKS THEIR	1021
RIONIC WATER CHAINS AS	HYDROGEN-HYDROXIDE TRANSPORTER	0497
NE DODECANE DIFFUSION/	HYDROPHOBIC MOLECULES IN LECITHI	0145
HEME PROTEIN/ PROTON	HYPERFINE RESONANCE ASSIGNMENT	0101
TRANSMITTER RELEASE BY	HYPERPOLARIZING PULSES SYNAPSE	0347
R RELEASE/ THE CALCIUM	HYPOTHESIS AND MODULATION OF TR	0347
	I	
GATION IN LIPID VESICLES	I MONOMERS/ LARGE-SCALE NONPRO	0115
AN MOSAIC VIRUS CAPSID	ICOSAHEDRAL VIRUSES ATOMIC PAIR P	0595
T EXTRA METARHODOPSIN	II ON BOVINE DISK MEMBRANES VISION	0271
NAL SARCOMERE ARRAYS	IMAGED FROM ISOLATED CARDIAC CEL	0329
FERENTIAL POLARIZATION	IMAGING I THEORY MUELLER MATRIX I	0911
FERENTIAL POLARIZATION	IMAGING II SYMMETRY PROPERTIES AN	0929
FERENTIAL POLARIZATION	IMAGING III THEORY CONFIRMATION PA	0947
CAPACITANCE/ EPITHELIAL	IMPEDANCE ANALYSIS IN EXPERIMENT	0783
A TRANSFORMATIONS FOR	IMPROVED DISPLAY AND FITTING OF SI	1047
SORPTION/ RESONANCES	IN THE DIELECTRIC ABSORPTION OF D	0421
D VOLUME DYSPROSIUM/	IN-VIVO MEASUREMENTS OF INTRACEL	0611
NT/ REMOVAL OF SODIUM	INACTIVATION AND BLOCK OF SODIUM	0155
SERTION LIPID VESICLES/	INCORPORATION KINETICS IN A MEMBR	0685
EVEALED BY THE CALCIUM	INDICATOR FURA-2 VOLTAGE-SENSITIV	0571
LYSIS IN EXPERIMENTALLY	INDUCED COLON CANCER IONIC COND	0783
RANES/ URANYL ACETATE	INDUCES GEL-PHASE FORMATION IN M	0501
DYNAMICS/ COLLAGEN AN	INELASTIC NEUTRON-SCATTERING STU	0343
-2 AND NO EVIDENCE FOR	INFLEXIBLE REGIONS OF PROTEIN STR	0023
LAMP DATA ION CHANNEL	INFORMATION RATE CONSTANTS STATI	0961
IORHODOPSIN STUDIED BY	INFRARED ATTENUATED TOTAL REFLE	0629
ION OF CATIONS PRESENT	INFRARED INVESTIGATIONS PROTON C	1021
ISM BACTERIORHODOPSIN	INFRARED PROTON TRANSPORT/ CON	0629
INS FOURIER-TRANSFORM	INFRARED STUDIES OF THE AMIDE-III S	0069
TON LUNG MACROPHAGES	INHALATION TOXICOLOGY ORGANELLE	0551
FROM ATPASE ACTIVITY IN	INSECT FLIGHT MUSCLE FIBRILLAR MU	1039
R SPIN PROBE STUDIES OF	INTACT MAMMALIAN CELLS TRANSITIO	0625
AMP/ A MICROCOMPUTER	INTERFACE FOR A DIGITAL AUDIO PRO	0653
THE LIPID BILAYER-WATER	INTERFACE ON THE NANOSECOND TIM	0577
LING WITH A LIQUID-LIQUID	INTERFACE PROBING MOBILITY AND EN	0387
AT THE NITROGEN-WATER	INTERFACE VESICLES ELLIPSOMETRY	0351
IN ABSOLUTE SPECTRA OF	INTERMEDIATES OBTAINED BY FLASH P	0999
NVIRONMENT WITH TOTAL	INTERNAL REFLECTION EXCITED FLUO	0387
ENT IN VOLTAGE CLAMPED	INTERNALLY PERFUSED CANINE CARDI	0001
RODUCTION IN THE ADULT	INTESTINAL EPITHELIUM STEM CELLS C	0279
LLS CELL KINETICS CRYPT	INTESTINE EPITHELIA/ THE CRYPT CYC	0279
-VIVO MEASUREMENTS OF	INTRACELLULAR AND EXTRACELLULAR	0611
OPY WITH SHIFT REAGENT	INTRACELLULAR SPACE BLOOD BRAIN	0611
N OF CHEMICAL SHIFT FOR	INTRACELLULAR WATER NUCLEI IN ART	0249
ST BORN-APPROXIMATION	INTRINSIC OPTICAL ACTIVITY/ DIFFERE	0911
DIAC PURKINJE MYOCYTES	INWARD RECTIFIER/ BACKGROUND PO	0519
AL CHARACTERIZATION OF	ION CHANNEL BLOCKADE COMPETITIVE	0405
IS OF PATCH-CLAMP DATA	ION CHANNEL INFORMATION RATE CON	0961
TOMIC PAIR POTENTIALS/	ION CHANNELS IN SOUTHERN BEAN MO	0595
N-CLOSED DURATIONS OF	ION CHANNELS METHOD OF EVALUATI	0047
INGLE IONS INSIDE SINGLE	ION CHANNELS/ TRAPPING SINGLE ION	0123
AT VERY LOW PERMEANT	ION CONCENTRATIONS/ GRAMICIDIN-M	0109
/ STOCHASTIC THEORY OF	ION MOVEMENT IN CHANNELS WITH SIN	0033
ARGE-SCALE NONPROTON	ION RELEASE AND BACTERIORHODOPS	0115
INDUCED COLON CANCER	IONIC CONDUCTANCE RESISTANCE CA	0783
CT OF TEMPERATURE AND	IONIC STRENGTH FIBER DIFFRACTION V	0199
NNELS/ TRAPPING SINGLE	IONS INSIDE SINGLE ION CHANNELS/ T	0123
AN BE OCCUPIED BY TWO	IONS POTASSIUM ACETYLCHOLINE CAT	0455
ON AND BASE TENSION ON	IRON-CARBON BOND RAMAN HEME CY	0801
STORTION LIGAND BINDING	IRON-CYANIDE BOND/ RESONANCE RA	0801
OMISM RETINAL ISOMERS/	ISO-HALORHODOPSIN A STABLE 9-CIS	1007
D POTASSIUM CURRENT IN	ISOLATED CANINE CARDIAC PURKINJE	0519
RE ARRAYS IMAGED FROM	ISOLATED CARDIAC CELLS AT REST LI	0329
NSTRUCTIONS OF RESTING	ISOLATED HEART CELL STRIATION PAT	0317
F ATP DEPLETION ON THE	ISOLATED THICK FILAMENT OF LIMULU	0859
PSIN 3,4-DEHYDRORETINAL	ISORHODOPSIN VISUAL PIGMENT/ RAM	0603
	J	
HE ORGANIZATION OF GAP	JUNCTIONS/ LATERAL INTERACTIONS	0441
	K	
TIONARY/ THEORY OF THE	KINETIC ANALYSIS OF PATCH-CLAMP D	0961
ATED BY RAPID CHEMICAL	KINETIC AND SINGLECHANNEL CURENT	0873
PICOSECOND KINETICS/ A	KINETIC MODEL FOR THE ENERGY TRA	0673
ENTIAL/ SODIUM CHANNEL	KINETICS DURING THE SPONTANEOUS	0095
EPTOR CHANNEL-OPENING	KINETICS EVALUATED BY RAPID CHEMI	0873
ESICLES/ INCORPORATION	KINETICS IN A MEMBRANE, STUDIED WI	0685
AMIC-VS-STATIC KINETICS/	KINETICS OF CHARGE TRANSFER AT TH	0577
TRIPLET STATE SUBLEVEL	KINETICS OF TRYPTOPHAN-54 IN THE C	0867
CLE MULTI-ION CHANNELS	KNOCK-ON/ MECHANISMS OF CESIUM	0707
	L	
NEW PHASE TRANSITION IN	L-ALPHA-DIPALMITOYLPHOSPHATIDYLC	0667
MS ARACHIDIC ACID FILMS	LANGMIUR BLODGETT FILMS/ THE LOC	0735
D VESICLES I MONOMERS/	LARGE-SCALE NONPROTON ION RELEA	0115
ROSS-BRIDGES POLYMERS	LASER/ MEASUREMENT OF SARCOME	0057
CTS OF CHOLESTEROL ON	LATERAL DIFFUSION AND VERTICAL FL	1031
E-CARLO CALCULATIONS/	LATERAL DIFFUSION IN AN ARCHIPELA	0989
ELECTRON MICROSCOPY/	LATERAL INTERACTIONS AMONG MEMB	0427
TION OF GAP JUNCTIONS/	LATERAL INTERACTIONS AMONG MEMB	0441
OFUSION ELECTROPORES	LATERAL MOBILITY/ THE LONG-LIVED	1015
ELECTRIC PULSES IS NOT	LATERALLY MOBILE FUSION ELECTROF	1015
TRANSITION OF THE HOST	LATTICE ESR EPR SPIN-LABEL LIPOSO	0187
INFLUENCE OF FILAMENT	LATTICE SPACING/ SHORTENING VELO	0127
IBERS OF FROG MUSCLE/	LATTICE SWELLING WITH THE SELECTI	0029
THE YIELD STRESS IN THIN	LAYERS OF SEDIMENTING BLOOD CAS	0229
SE ANALYSIS PREDICTS AT	LEAST FOUR STATES FOR CHANNELS	0955
ATER IN MIXTURES OF EGG	LECITHIN AND WATER/ PARTIAL SPECI	0663
ROPHOBIC MOLECULES IN	LECITHIN-WATER SYSTEMS I FORMATI	0145
OSKELETON/ SARCOMERE	LENGTH UNIFORMITY DETERMINED FRO	0317

Subject Context	Keyword	Page No.
S OF THE FLUORESCENCE	LIFETIME OF RIBONUCLEASE-T-1 FLUO	0467
D FLUORESCENCE DECAY	LIFETIME SHANNON-JAYNES ENTROPY	0693
ACCESSIBLE RECEPTORS	LIGAND BINDING ALLOSTERIC PERIODIC	0405
CTIN MUSCLE/ TWO-STEP	LIGAND BINDING AND COOPERATIVITY	0215
E CYANOMET DISTORTION	LIGAND BINDING IRON-CYANIDE BOND/	0801
PPED HEMES EFFECTS OF	LIGAND DISTORTION AND BASE TENSIO	0801
ONSTANT FOR BINDING OF	LIGANDS TO CELL SURFACE RECEPTO	0857
FROG MUSCLE BY WHITE	LIGHT DIFFRACTION ACOUSTO-OPTICA	0057
HEORETICAL FRAUNHOFER	LIGHT DIFFRACTION PATTERNS CALCU	0329
CARDIAC CELLS AT REST	LIGHT DIFFRACTION PATTERNS SINGLE	0329
TION OF QUANTUM YIELDS	LIGHT SCATTERING FLUORESCENCE/ T	0311
E VISCOSITY RELAXATION	LIGHT SCATTERING/ VISCOELASTIC RE	0087
SCADE IS INVOLVED IN THE	LIGHT-INDUCED STRUCTURAL CHANGE	0587
LATED THICK FILAMENT OF	LIMULUS STRIATED MUSCLE/ EFFECT	0859
ICROSCOPY SICKLE CELLS	LINEAR DICHROISM IMAGES/ DIFFEREN	0947
CTION PURPLE MEMBRANE	LINEAR DICROISM BACTERIORHODOPSI	0629
YGEN-ORGANOPHOSPHATE	LINKAGE IN HEMOGLOBIN-A THE DOUB	0527
PHOSPHATES ALLOSTERIC	LINKAGE/ OXYGEN-ORGANOPHOSPHAT	0527
ASE FORMATION IN MODEL	LIPID AND BIOLOGICAL MEMBRANES/	0501
IAL SPECIFIC VOLUMES OF	LIPID AND WATER IN MIXTURES OF EG	0663
HARGE TRANSFER AT THE	LIPID BILAYER-WATER INTERFACE ON T	0577
VERTICAL FLUCTUATION IN	LIPID BILAYERS AN ELECTRON-ELECTR	1031
OF THE HAPTENIC SITE OF	LIPID HAPTENS IN PHOSPHATIDYLCHOL	0187
RELAXATION OF BILAYER	LIPID MEMBRANES FREQUENCY-DEPEN	0087
N CARDIAC SARCOLEMMAL	LIPID MULTIBILAYERS DRUG FRAP/ DIF	1021
E SURFACE OF ULTRATHIN	LIPID MULTILAYER FILMS USING X-RAY	0735
TURES FFIR LIPID-PROTEIN	LIPID PHASE BEHAVIOR PHASE SEPARA	0241
NETISM/ ORIENTATION OF	LIPID TUBULES BY A MAGNETIC FIELD	0295
TATE OF AGGREGATION IN	LIPID VESICLES I MONOMERS/ LARGE-	0115
-LIPID BILAYER INSERTION	LIPID VESICLES/ INCORPORATION KINE	0685
LCHOLINE MIXTURES FFIR	LIPID-PROTEIN LIPID PHASE BEHAVIOR	0241
TICE ESR EPR SPIN-LABEL	LIPOSOME ORIENTED MULTIBILAYER/	0187
BRIUM OF THICK, HOLLOW,	LIQUID MEMBRANE CYLINDERS PHOSP	0391
TES SYNCHROTRON X-RAY	LIQUID SURFACE TWO-DIMENSIONAL P	0381
BRANE MODELING WITH A	LIQUID-LIQUID INTERFACE PROBING M	0367
HE STUDY OF MOBILITY IN	LIVING CELLS BASED ON COLLOIDAL G	0775
PARTICLE MOTIONS WITHIN	LIVING CELLS MEASUREMENT OF CYT	0551
PARTICLE MOTIONS WITHIN	LIVING CELLS PHYSICAL THEORY AND	0537
IUR BLODGETT FILMS/ THE	LOCATION OF CYTOCHROME-C ON THE	0735
OPSIN/ TRANSMEMBRANE	LOCATION OF RETINAL IN PURPLE MEM	0509
S LATERAL MOBILITY/ THE	LONG-LIVED FUSOGENIC STATE INDUC	1015
S ON THE DEFORMABILITY	LOSS IN HUMAN ERYTHROCYTES IN SH	0221
ABILITY CALCIUM-INDUCED	LOSS OF DEFORMABILITY AND THE EF	0221
PENSIONS SUBJECTED TO	LOW AMPLITUDE OSCILLATORY DEFOR	0357
TCH CLAMP EXCITABILITY/	LOW CONDUCTANCE SODIUM CHANNE	0489
IATED CURRENTS AT VERY	LOW PERMEANT ION CONCENTRATION	0109
NAL PHASES AT HIGH AND	LOW WATER CONTENTS POTASSIUM-3	0145
ON-SCATTERING STUDY OF	LOW-FREQUENCY VIBRATIONAL MODE	0343
ACTIVITY CYTOSKELETON	LUNG MACROPHAGES INHALATION TOX	0551
YTOPLASMIC ORGANELLES	LUNG MACROPHAGES PHAGOSOME MO	0537

M

TE THE AFFINITY BETWEEN	MACROPHAGES AND GLUTARALDEHYD	0177
IN MUSCLE FIBERS HAVING	MAGNESIUM PYROPHOSPHATE AT THE	1077
N OF LIPID TUBULES BY A	MAGNETIC FIELD PHOSPHOLIPID DIACE	0295
HEOLOGY BIOMAGNETISM/	MAGNETIC PARTICLE MOTIONS WITHIN	0537
MOTILITY BIOMAGNETISM/	MAGNETIC PARTICLE MOTIONS WITHIN	0551
ENT OF METALLOPROTEIN	MAGNETIZATION NEW METHODS APPLI	0837
ROBE STUDIES OF INTACT	MAMMALIAN CELLS TRANSITION METAL	0625
T TISSUES STRESS-STRAIN	MATERIAL BIOMECHANICS TISSUE ULT	0563
RVE ELECTROPHYSIOLOGY	MATHEMATICAL VOLUME-CONDUCTED	0749
NCE ENERGY TRANSFER IN	MAXIMALLY PACKED DONOR-ACCEPTO	0509
-FLUORIMETRY USING THE	MAXIMUM ENTROPY METHOD FLUORES	0693
SITY/ A NEW METHOD FOR	MEASURING THE YIELD STRESS IN THIN	0229
D CROSSBRIDGES ON THE	MECHANICAL BEHAVIOR OF SKELETAL	0901
FOR CHARACTERIZING THE	MECHANICAL BEHAVIOR OF SOFT TISS	0563
S PHOSPHOLIPID BILAYER	MECHANICAL CURVATURE ELASTICITY	0391
MEMBRANE EQUILIBRIUM/	MECHANICAL EQUILIBRIUM OF THICK, H	0391
USCLE FIBRILLAR MUSCLE	MECHANICAL KINETICS/ THE APPAREN	1039
OUGH HIGHLY SCATTERING	MEDIA CORRECTIONS TO THE DETERMI	0311
CT OF DEIONIZED PURPLE	MEMBRANE BACTERIORHODOPSIN CAL	0617
F THICK, HOLLOW, LIQUID	MEMBRANE CYLINDERS PHOSPHOLIPID	0391
ICITY MEMBRANE TETHERS	MEMBRANE EQUILIBRIUM/ MECHANICA	0391
ION OF RETINAL IN PURPLE	MEMBRANE FLUORESCENCE ENERGY T	0509
AMICS IN RED AND PURPLE	MEMBRANE FRACTIONS OF THE HALOB	0855
TORS ON THE NEUTROPHIL	MEMBRANE I FLUNARIZINE-ADENOSINE	0729
ORESCENCE/ BIOLOGICAL	MEMBRANE MODELING WITH A LIQUID-	0367
/ DETERMINTION OF CELL	MEMBRANE PERMEABILITY IN CONCEN	0763
TRATED CELL ENSEMBLES	MEMBRANE PERMEABILITY VOLUME AV	0763
AL INTERACTIONS AMONG	MEMBRANE PROTEINS IMPLICATIONS F	0441
AL INTERACTIONS AMONG	MEMBRANE PROTEINS VALID ESTIMATE	0427
CILLATORY DEFORMATION	MEMBRANE SHEAR VISCOSITY ELASTIC	0357
L CURVATURE ELASTICITY	MEMBRANE TETHERS MEMBRANE EQUI	0391
EPROTONATION/ THE PINK	MEMBRANE THE STABLE PHOTOPRODU	0617
-DEPENDENT TENSION AND	MEMBRANE VISCOSITY RELAXATION LI	0087
RPORATION KINETICS IN A	MEMBRANE, STUDIED WITH THE PORE-	0685
OF GRAMICIDIN CHANNELS	MEMBRANES BROWNIAN STOCHASTIC/	0033
AXATION OF BILAYER LIPID	MEMBRANES FREQUENCY-DEPENDENT	0087
LTILAYERS FLUCTUATIONS	MEMBRANES PHASE TRANSITION NMR/	0401
IN PHOSPHATIDYLCHOLINE	MEMBRANES THEIR RELATION TO THE	0187
ATION IN PHOTORECEPTOR	MEMBRANES TRANSIENT EXTRA META	0271
DOPSIN II ON BOVINE DISK	MEMBRANES VISION GTP ACTIVATION	0271
DEL LIPID AND BIOLOGICAL	MEMBRANES/ URANYL ACETATE INDU	0501
SQUID MEASUREMENT OF	METALLOPROTEIN MAGNETIZATION NE	0837
GES OPTICAL SECTIONING	METAPHASE CHROMOSOME/ DIFFERE	0929
BRANES TRANSIENT EXTRA	METARHODOPSIN II ON BOVINE DISK M	0271
ATION SLOW INACTIVATION	METHIONINE UNSATURATED LIPIDS OXI	0155
SYSTEM PATCH CLAMP/ A	MICROCOMPUTER INTERFACE FOR A DI	0653
VISUAL PIGMENT/ RAMAN	MICROSCOPE AND QUANTUM YIELD ST	0603
LLOIDAL GOLD AND VIDEO	MICROSCOPY SALTATORY MOTION DIF	0775
EZE-FRACTURE ELECTRON	MICROSCOPY/ LATERAL INTERACTION	0427
YLPHOSPHATIDYLCHOLINE	MIXTURES FFIR LIPID-PROTEIN LIPID PH	0241
ES OF LIPID AND WATER IN	MIXTURES OF EGG LECITHIN AND WAT	0663
ULSES IS NOT LATERALLY	MOBILE FUSION ELECTROFUSION ELEC	1015
HIPELAGO THE EFFECT OF	MOBILE OBSTACLES PERCOLATION AR	0989
IQUID INTERFACE PROBING	MOBILITY AND ENVIRONMENT WITH TO	0367
ETHOD FOR THE STUDY OF	MOBILITY IN LIVING CELLS BASED ON	0775
ODOPSIN NMR DEUTERIUM	MOBILITY SURFACE/ CONTRASTING M	0855
-FREQUENCY VIBRATIONAL	MODES COLLAGEN NEUTRON SCATTER	0343
CALCIUM HYPOTHESIS AND	MODULATION OF TRANSMITTER RELEA	0347
ERING OLIGOMERIZATION/	MOLECULAR AGGREGATION CHARACTE	0257
SURFACE/ CONTRASTING	MOLECULAR DYNAMICS IN RED AND P	0855
DIFFUSION/ HYDROPHOBIC	MOLECULES IN LECITHIN-WATER SYST	0145
FOR THE FORMATION OF A	MONOLAYER FROM A BILAYER AN ELLI	0351
ROSCOPY/ PHOSPHOLIPID	MONOLAYERS BETWEEN FLUID AND S	0381
ATION IN LIPID VESICLES I	MONOMERS/ LARGE-SCALE NONPROT	0115
DISSOCIATION OF CARBON	MONOXIDE AND OXYGEN FROM ALPHA	0885
RCOLATION ARCHIPELAGO	MONTE-CARLO CALCULATIONS/ LATER	0989
NNELS IN SOUTHERN BEAN	MOSAIC VIRUS CAPSID ICOSAHEDRAL	0595
OPLASMIC VISCOSITY AND	MOTILE ACTIVITY CYTOSKELETON LUN	0551
ISM/ MAGNETIC PARTICLE	MOTIONS WITHIN LIVING CELLS MEASU	0551
ISM/ MAGNETIC PARTICLE	MOTIONS WITHIN LIVING CELLS PHYSIC	0537
HE BACTERIAL FLAGELLAR	MOTOR FLAGELLUM PROTON-MOTIVE	0413
HANNEL FROM CULTURED	MOUSE HIPPOCAMPAL NEURONS/ FRA	0979
OCHASTIC THEORY OF ION	MOVEMENT IN CHANNELS WITH SINGLE	0033
RTIES AND CALCULATIONS	MUELLER ELEMENTS ANISOTROPIC ME	0929
IZATION IMAGING I THEORY	MUELLER MATRIX IMAGES FIRST BORN	0911
L FROM SMOOTH MUSCLE	MULTI-ION CHANNELS KNOCK-ON/ MEC	0707
DIAC SARCOLEMMAL LIPID	MULTIBILAYERS DRUG FRAP/ DIFFUSI	1021
HANNON-JAYNES ENTROPY	MULTIEXPONENTIAL/ ANALYZING THE	0693
FACE OF ULTRATHIN LIPID	MULTILAYER FILMS USING X-RAY DIFF	0735
A IN PHOSPHOLIPID-WATER	MULTILAYERS FLUCTUATIONS MEMBR	0401
WATER IN THE BRAIN AND	MUSCLE BY NMR SPECTROSCOPY WIT	0611
INNED FIBERS FROM FROG	MUSCLE BY WHITE LIGHT DIFFRACTION	0057
UM CONDITIONS SKELETAL	MUSCLE CROSSBRIDGE FORCE/ THE I	0901
SSBRIDGE DETACHMENT IN	MUSCLE FIBERS HAVING MAGNESIUM P	1077
LOCITY IN SKINNED SINGLE	MUSCLE FIBERS INFLUENCE OF FILAM	0127
L BEHAVIOR OF SKELETAL	MUSCLE FIBERS UNDER EQUILIBRIUM	0901
ACTIVITY IN INSECT FLIGHT	MUSCLE FIBRILLAR MUSCLE MECHANI	1039
CHANNEL FROM SMOOTH	MUSCLE MULTI-ION CHANNELS KNOCK-	0707
ENT OF LIMULUS STRIATED	MUSCLE/ EFFECT OF ATP DEPLETION	0859
-SKINNED FIBERS OF FROG	MUSCLE/ LATTICE SWELLING WITH TH	0029
NT-1 TO REGULATED ACTIN	MUSCLE/ TWO-STEP LIGAND BINDING	0215
ENDROCYTE OPTIC NERVE	MYELIN BASIC PROTEIN/ ACTIVITY-DEP	0571
LCIUM TRANSIENTS IN CNS	MYELINATED AXONS REVEALED BY TH	0571
OTENTIALS OF THE ACTIVE	MYELINATED NERVE FIBER NERVE ELE	0749
ANINE CARDIAC PURKINJE	MYOCYTES INWARD RECTIFIER/ BACK	0519
RNS SINGLE HEART CELLS	MYOCYTES THREE-DIMENSIONAL RECO	0329
COOPERATIVE BINDING OF	MYOSIN SUBFRAGMENT-1 TO REGULAT	0215

N

WATER INTERFACE ON THE	NANOSECOND TIME SCALE ELECTRON	0577
ION CELLULAR DYNAMICS/	NANOVID TRACKING A NEW AUTOMATI	0775
IGURATIONAL ENTROPY OF	NATIVE PROTEINS NORMAL MODES TH	1083
EI IN ARTEMIA CYSTS/ THE	NATURE AND ORIGIN OF CHEMICAL SHI	0249
UCTED FIELD POTENTIALS	NERVE CURRENT NERVE PROPAGATIO	0749
MYELINATED NERVE FIBER	NERVE ELECTROPHYSIOLOGY MATHEM	0749
F THE ACTIVE MYELINATED	NERVE FIBER NERVE ELECTROPHYSIOL	0749
TENTIALS NERVE CURRENT	NERVE PROPAGATION/ EXTRACELLULA	0749
HATE HYDROGEN-BONDED	NETWORKS THEIR PROTON POLARIZAB	1021
RED MOUSE HIPPOCAMPAL	NEURONS/ FRACTAL ANALYSIS OF A V	0979
S CLOSED BY GLUTAMATE	NEUROTRANSMITTER SYNAPSE OPEN	0955
L CHANGES OBSERVED BY	NEUTRON DIFFRACTION ON RETINAL R	0587
AL ROD OUTER SEGMENTS	NEUTRON DIFFRACTION RETINAL ROD	0587
TIONAL MODES COLLAGEN	NEUTRON SCATTERING PROTEIN DYNA	0343
/ COLLAGEN AN INELASTIC	NEUTRON-SCATTERING STUDY OF LOW	0343
ERS/ RECEPTORS ON THE	NEUTROPHIL MEMBRANE I FLUNARIZIN	0729
PSOMETRIC STUDY AT THE	NITROGEN-WATER INTERFACE VESICLE	0351
METHODS APPLIED TO THE	NITROGENASE PROTEINS/ SQUID MEA	0837
IUM BACTERIORHODOPSIN	NMR DEUTERIUM MOBILITY SURFACE/	0855
ND TUNA CYTOCHROME-C	NMR HEME PROTEIN/ PROTON HYPERF	0101
HE BRAIN AND MUSCLE BY	NMR SPECTROSCOPY WITH SHIFT REA	0611
RANES PHASE TRANSITION	NMR/ PRETRANSITIONAL PHENOMENA I	0401
Y RETINA BIPOLAR CELLS/	NOISE ANALYSIS PREDICTS AT LEAST	0955
NALOGUE/ OPEN CHANNEL	NOISE III HIGH-RESOLUTION RECORDIN	1055
USING X-RAY DIFFRACTION	NONPERIODIC ULTRATHIN FILMS ARAC	0735
ONOMERS/ LARGE-SCALE	NONPROTON ION RELEASE AND BACTE	0115
CONSTANTS STATIONARY	NONSTATIONARY/ THEORY OF THE KIN	0961
OPY OF NATIVE PROTEINS	NORMAL MODES THERMODYNAMIC PR	1083
ASSIGNMENTS USING THE	NUCLEAR OVERHAUSER EFFECT FOR F	0101

Subject Context	▾ Keyword	Page No.
PHOLIPID BILAYERS A P-31	NUCLEAR RELAXATION TIME STUDY PH	0791
R INTRACELLULAR WATER	NUCLEI IN ARTEMIA CYSTS/ THE NATU	0249
	O	
E PHOSPHORESCENCE BY	O-2 AND NO EVIDENCE FOR INFLEXIBL	0023
EEN ALGA SCENEDESMUS	OBLIQUUS PROBED BY TIME-RESOLVE	0717
O THE EFFECT OF MOBILE	OBSTACLES PERCOLATION ARCHIPELA	0989
HANNELS WITH SINGLE-ION	OCCUPANCY APPLICATION TO SODIUM	0033
A CHANNEL THAT CAN BE	OCCUPIED BY TWO IONS POTASSIUM A	0455
LYDEOXYTHYMIDYLIC ACID	ODMR PHOPHORESCENCE STACKING/	0867
RIMARY PHOTOCHEMISTRY	OF A-2-VISUAL PIGMENTS RESONANCE	0603
AGE-SENSITIVE DYES GLIA	OLIGODENDROCYTE OPTIC NERVE MYE	0571
S RECEPTOR CLUSTERING	OLIGOMERIZATION/ MOLECULAR AGGR	0257
HOTOLYSIS STUDY IN THE	ONE-MICROSECOND TO EIGHT-SECOND	1071
UR CHEMICAL ANALOGUE/	OPEN CHANNEL NOISE III HIGH-RESOLU	1055
ROTRANSMITTER SYNAPSE	OPEN PROBABILITY RETINA BIPOLAR C	0955
ARDIAC PURKINJE CELLS/	OPEN SODIUM CHANNEL PROPERTIES	0013
FREQUENCIES OF PAIRED	OPEN-CLOSED DURATIONS OF ION CHA	0047
GLIA OLIGODENDROCYTE	OPTIC NERVE MYELIN BASIC PROTEIN/	0571
HEART CELLS MYOCYTES	OPTICAL MICROSCOPE IMAGING 3-D RE	0317
MMETRY MUELLER IMAGES	OPTICAL SECTIONING METAPHASE CHR	0929
INHALATION TOXICOLOGY	ORGANELLE MOTILITY BIOMAGNETISM/	0551
NS IMPLICATIONS FOR THE	ORGANIZATION OF GAP JUNCTIONS/ L	0441
OGLOBIN OXYGEN BINDING	ORGANOPHOSPHATES ALLOSTERIC LIN	0527
INGENCE DIAMAGNETISM/	ORIENTATION OF LIPID TUBULES BY A	0295
PR SPIN-LABEL LIPOSOME	ORIENTED MULTIBILAYER/ DYNAMIC P	0187
CYSTS/ THE NATURE AND	ORIGIN OF CHEMICAL SHIFT FOR INTRA	0249
UM BIOLOGICAL RHYTHMS	OSCILLATIONS RECEPTOR PHOSPHOR	0807
CTED TO LOW AMPLITUDE	OSCILLATORY DEFORMATION MEMBRA	0357
CE BLOOD BRAIN BARRIER	OUABAIN CEREBRAL BLOOD VOLUME	0611
RACTION ON RETINAL ROD	OUTER SEGMENTS NEUTRON DIFFRAC	0587
ENTS USING THE NUCLEAR	OVERHAUSER EFFECT FOR FERRIC FO	0101
NINE UNSATURATED LIPIDS	OXIDANT/ REMOVAL OF SODIUM INACT	0155
UMP EFFECT HEMOGLOBIN	OXYGEN BINDING ORGANOPHOSPHATE	0527
F CARBON MONOXIDE AND	OXYGEN FROM ALPHA AND BETA HEM	0885
ES ALLOSTERIC LINKAGE/	OXYGEN-ORGANOPHOSPHATE LINKAGE	0527
	P	
HOSPHOLIPID BILAYERS A	P-31 NUCLEAR RELAXATION TIME STUD	0791
Y PHOSPHOLIPID BILAYER	P-31-NMR SPIN-LATTICE RELAXATION H	0791
TRANSFER IN MAXIMALLY	PACKED DONOR-ACCEPTOR SYSTEMS	0509
OST/ VISCOELASTICITY OF	PACKED ERYTHROCYTE SUSPENSIONS	0357
ATIONS/ FREQUENCIES OF	PAIRED OPEN-CLOSED DURATIONS OF	0047
ICITY/ AN EVALUATION OF	PARAMAGNETIC BROADENING AGENTS	0625
GG LECITHIN AND WATER/	PARTIAL SPECIFIC VOLUMES OF LIPID	0683
IOMAGNETISM/ MAGNETIC	PARTICLE MOTIONS WITHIN LIVING CEL	0551
IOMAGNETISM/ MAGNETIC	PARTICLE MOTIONS WITHIN LIVING CEL	0537
ENT-FREE PHOTOSYSTEM-I	PARTICLES ENERGY TRANSFER DETER	0829
E SEPARATION/ UNUSUAL	PARTITIONING BEHAVIOR OF CATPASE	0241
CARDIAC PURKINJE CELLS	PATCH CLAMP EXCITABILITY/ LOW CO	0489
C CHICK VENTRICLE CELLS	PATCH CLAMP HEART CELLS WHOLE-C	0095
DATA RECORDING SYSTEM	PATCH CLAMP/ A MICROCOMPUTER IN	0653
THE KINETIC ANALYSIS OF	PATCH-CLAMP DATA ION CHANNEL INF	0961
METHOD FOR IMPROVING	PATCH-CLAMP PERFORMANCE/ SUPER	0133
OFER LIGHT DIFFRACTION	PATTERNS CALCULATED FROM THREE-	0329
III THEORY CONFIRMATION	PATTERNS OF POLYMERIZATION OF HE	0947
ED HEART CELL STRIATION	PATTERNS SINGLE HEART CELLS MYO	0317
WITH THE PORE-FORMING	PEPTIDE ALAMETHICIN PEPTIDE-LIPID BI	0685
ING PEPTIDE ALAMETHICIN	PEPTIDE-LIPID BILAYER INSERTION LIPI	0685
CT OF MOBILE OBSTACLES	PERCOLATION ARCHIPELAGO MONTE-C	0989
GE CLAMPED INTERNALLY	PERFUSED CANINE CARDIAC PURKINJE	0001
AND BINDING ALLOSTERIC	PERIODIC ACCESS GUARDED RECEPTO	0405
COMPETITIVE BINDING TO	PERIODICALLY ACCESSIBLE RECEPTOR	0405
TION OF CELL MEMBRANE	PERMEABILITY IN CONCENTRATED CEL	0763
CURRENTS AT VERY LOW	PERMEANT ION CONCENTRATIONS/ GR	0109
APPLICATION TO SODIUM	PERMEATION OF GRAMICIDIN CHANNEL	0033
OICHIOMETRY MODEL FOR	PH HOMEOSTASIS IN BACTERIA CATION	0637
LES LUNG MACROPHAGES	PHAGOSOME MOTIONS BIORHEOLOGY	0537
TENTS POTASSIUM-31-NMR	PHASE EQUILIBRIA DIOLEOYLPHOSPHA	0145
SIMULATION TOPOLOGY/	PHASE RESETTING IN A MODEL OF CAR	0165
EIN LIPID PHASE BEHAVIOR	PHASE SEPARATION/ UNUSUAL PARTIT	0241
RIMETRY REVEALS A NEW	PHASE TRANSITION IN L-ALPHA-DIPALM	0667
UCTUATIONS MEMBRANES	PHASE TRANSITION NMR/ PRETRANSITI	0401
S THEIR RELATION TO THE	PHASE TRANSITION OF THE HOST LATT	0187
F REVERSED HEXAGONAL	PHASES AT HIGH AND LOW WATER CO	0145
XYTHYMIDYLIC ACID ODMR	PHOPHORESCENCE STACKING/ TRIPLE	0867
GY TRANSFER DETERGENT	PHORMIDIUM LURIDUM CHLOROPHYLL	0829
QUENCHING OF ALKALINE	PHOSPHATASE PHOSPHORESCENCE B	0023
NALYSIS OF HIGH-ENERGY	PHOSPHATE DIFFUSION PHOSPHOCRE	0075
ROUP/ DYNAMICS OF THE	PHOSPHATE GROUP IN PHOSPHOLIPID	0791
UTAMIC ACID DIHYDROGEN	PHOSPHATE HYDROGEN-BONDED NET	1021
SITE OF LIPID HAPTENS IN	PHOSPHATIDYLCHOLINE MEMBRANES T	0187
GY PHOSPHATE DIFFUSION	PHOSPHOCREATINE SHUTTLE SPERM	0075
ID MEMBRANE CYLINDERS	PHOSPHOLIPID BILAYER MECHANICAL	0391
RELAXATION TIME STUDY	PHOSPHOLIPID BILAYER P-31-NMR SPI	0791
THE PHOSPHATE GROUP IN	PHOSPHOLIPID BILAYERS A P-31 NUCL	0791
LES BY A MAGNETIC FIELD	PHOSPHOLIPID DIACEFYLENE BIREFRIN	0295
RESCENCE MICROSCOPY/	PHOSPHOLIPID MONOLAYERS BETWEE	0381
NSITIONAL PHENOMENA IN	PHOSPHOLIPID-WATER MULTILAYERS F	0401
F ALKALINE PHOSPHATASE	PHOSPHORESCENCE BY O-2 AND NO E	0023
EMENTS HALORHODOPSIN	PHOTOCHEMICAL CYCLE FLASH SPECT	0999
ASH SPECTROSCOPY/ THE	PHOTOCHEMICAL CYCLE OF HALORHO	0999
NAL PHOTOSENSORY/ THE	PHOTOCHEMICAL REACTIONS OF BACT	1071
STUDIES ON THE PRIMARY	PHOTOCHEMISTRY OF A-2-VISUAL PIG	0603
ALOBACTERIUM HALOBIUM	PHOTOCHROMISM RETINAL ISOMERS/ I	1007
ODOPSIN PHOTOVOLTAGE	PHOTOCURRENT/ THE CONCEPT OF C	0141
RPTION SPECTROSCOPY/	PHOTODISSOCIATION OF CARBON MON	0885
IATES OBTAINED BY FLASH	PHOTOLYSIS AND FAST DIFFERENCE S	0999
SORY RHODOPSIN-I FLASH	PHOTOLYSIS STUDY IN THE ONE-MICR	1071
K MEMBRANE THE STABLE	PHOTOPRODUCT OF DEIONIZED PURPL	0617
9-CIS RETINAL-CONTAINING	PHOTOPRODUCT OF HALORHODOPSIN	1007
G-PROTEIN ACTIVATION IN	PHOTORECEPTOR MEMBRANES TRANSI	0271
HALOBACTERIUM RETINAL	PHOTOSENSORY/ THE PHOTOCHEMICA	1071
E FROM DETERGENT-FREE	PHOTOSYSTEM-I PARTICLES ENERGY T	0829
ROPHYLL FLUORESCENCE	PHOTOSYSTEM-II HETEROGENEITY ALP	0717
HT-SECOND TIME WINDOW	PHOTOTAXIS BACTERIORHODOPSIN HA	1071
UL? BACTERIORHODOPSIN	PHOTOVOLTAGE PHOTOCURRENT/ THE	0141
BILISOMES PHYCOCYANIN	PHYCOBILIPROTEIN BLUE-GREEN ALGA	0673
THE ENERGY TRANSER IN	PHYCOBILISOMES PHYCOCYANIN PHYC	0673
NSER IN PHYCOBILISOMES	PHYCOCYANIN PHYCOBILIPROTEIN BLU	0673
IONS WITHIN LIVING CELLS	PHYSICAL THEORY AND TECHNIQUES C	0537
CHAINS STUDIED BY USING	PICOSECOND ABSORPTION SPECTROS	0885
D GLOBAL DATA ANALYSIS	PICOSECOND FLUORESCENCE FLUORE	0717
FLUORESCENCE KINETICS	PICOSECOND KINETICS/ A KINETIC MO	0673
ROPHYLL PROTEINS P700/	PICOSECOND TIME-RESOLVED FLUORE	0829
CHEMISTRY OF A-2-VISUAL	PIGMENTS RESONANCE RAMAN RHODO	0603
ION-DEPROTONATION/ THE	PINK MEMBRANE THE STABLE PHOTOP	0617
RIC ABSORPTION OF DNA?	PLASMID DNA RESONANCE ABSORPTIO	0421
NETWORKS THEIR PROTON	POLARIZABILITY AS A FUNCTION OF C	1021
DUCTIVITY ATPASE CATION	POLARIZABILITY H-BONDS/ GLUTAMIC	1021
L ACTIVITY/ DIFFERENTIAL	POLARIZATION IMAGING I THEORY MUE	0911
OMOSOME/ DIFFERENTIAL	POLARIZATION IMAGING II SYMMETRY	0929
M IMAGES/ DIFFERENTIAL	POLARIZATION IMAGING III THEORY CO	0947
IN WITH SINGLE-STRANDED	POLYDEOXYTHYMIDYLIC ACID ODMR P	0867
NFIRMATION PATTERNS OF	POLYMERIZATION OF HEMOGLOBIN-S I	0947
Y CURVE CROSS-BRIDGES	POLYMERS LASER/ MEASUREMENT OF	0057
BRANE, STUDIED WITH THE	PORE-FORMING PEPTIDE ALAMETHICIN	0685
RANSFER EXCITED STATES	PORPHYRINE DYNAMIC-VS-STATIC KINE	0577
E OCCUPIED BY TWO IONS	POTASSIUM ACETYLCHOLINE CATION D	0455
F A VOLTAGE-DEPENDENT	POTASSIUM CHANNEL FROM CULTURE	0979
E IN A CESIUM-ACTIVATED	POTASSIUM CHANNEL FROM SMOOTH	0707
RECTIFIER/ BACKGROUND	POTASSIUM CURRENT IN ISOLATED CA	0519
D LOW WATER CONTENTS	POTASSIUM-31-NMR PHASE EQUILIBRIA	0145
CELLULAR CURRENTS AND	POTENTIALS OF THE ACTIVE MYELINAT	0749
R CELLS/ NOISE ANALYSIS	PREDICTS AT LEAST FOUR STATES FO	0955
YDROPYRIDINE RECEPTOR	PREPARATION RECONSTITUTION SKELE	0891
PHASE TRANSITION NMR/	PRETRANSITIONAL PHENOMENA IN PHO	0401
UM YIELD STUDIES ON THE	PRIMARY PHOTOCHEMISTRY OF A-2-VI	0603
DENING AGENTS FOR SPIN	PROBE STUDIES OF INTACT MAMMALIA	0625
SCENEDESMUS OBLIQUUS	PROBED BY TIME-RESOLVED CHLOROP	0717
LIQUID-LIQUID INTERFACE	PROBING MOBILITY AND ENVIRONMENT	0367
ACE FOR A DIGITAL AUDIO	PROCESSOR-BASED DATA RECORDING	0653
CYCLE CRYPT AND VILLUS	PRODUCTION IN THE ADULT INTESTINA	0279
/ OPEN SODIUM CHANNEL	PROPERTIES OF SINGLE CANINE CARDI	0013
MULTIBILAYER/ DYNAMIC	PROPERTIES OF THE HAPTENIC SITE O	0187
MIDE-III SPECTRAL REGION	PROTEIN CONFORMATION VIBRATIONA	0069
TRATION DEPENDENCE OF	PROTEIN DIFFUSION DIFFUSION FREE-V	0137
EN NEUTRON SCATTERING	PROTEIN DYNAMICS/ COLLAGEN AN IN	0343
MODES THERMODYNAMIC	PROTEIN FOLDING/ CONFIGURATIONAL	1083
R INFLEXIBLE REGIONS OF	PROTEIN STRUCTURE TRYPTOPHAN PH	0023
E-STRANDED DNA BINDING	PROTEIN WITH SINGLE-STRANDED POL	0867
DIFFUSION FREE-VOLUME	PROTEIN/ CONCENTRATION DEPENDEN	0137
ATURATION OF GLOBULAR	PROTEINS FOURIER-TRANSFORM INFR	0069
TIONS AMONG MEMBRANE	PROTEINS IMPLICATIONS FOR THE ORG	0441
ONAL ENTROPY OF NATIVE	PROTEINS NORMAL MODES THERMODY	1083
TIONS AMONG MEMBRANE	PROTEINS VALID ESTIMATES BASED O	0427
LIED TO THE NITROGENASE	PROTEINS/ SQUID MEASUREMENT OF	0837
INFRARED INVESTIGATIONS	PROTON CONDUCTIVITY ATPASE CATIO	1021
ME-C NMR HEME PROTEIN/	PROTON HYPERFINE RESONANCE ASSI	0101
BONDED NETWORKS THEIR	PROTON POLARIZABILITY AS A FUNCTI	1021
RIORHODOPSIN INFRARED	PROTON TRANSPORT/ CONFORMATIO	0629
LLAR MOTOR FLAGELLUM	PROTON-MOTIVE FORCE BIOENERGETI	0413
MOPHORE CONFORMATION	PROTONATION-DEPROTONATION/ THE	0617
TERIA CATION TRANSPORT	PROTONMOTIVE FORCE CATION CYCLI	0637
OF DECAY CONSTANTS IN	PULSE-FLUORIMETRY USING THE MAXI	0693
YTE GHOSTS BY ELECTRIC	PULSES IS NOT LATERALLY MOBILE FU	1015
ASE BY HYPERPOLARIZING	PULSES SYNAPSE FACILITATION OR SY	0347
LCIUM CHANNELS FROM A	PURIFIED DIHYDROPYRIDINE RECEPTO	0891
NNELS IN CANINE CARDIAC	PURKINJE CELLS PATCH CLAMP EXCIT	0489
F SINGLE CANINE CARDIAC	PURKINJE CELLS/ OPEN SODIUM CHAN	0013
ERFUSED CANINE CARDIAC	PURKINJE CELLS/ SODIUM CURRENT I	0001
G IN A MODEL OF CARDIAC	PURKINJE FIBER THRESHOLD SUPERN	0165
SOLATED CANINE CARDIAC	PURKINJE MYOCYTES INWARD RECTIFI	0519
OPRODUCT OF DEIONIZED	PURPLE MEMBRANE BACTERIORHODO	0617
LOCATION OF RETINAL IN	PURPLE MEMBRANE FLUORESCENCE E	0509
AR DYNAMICS IN RED AND	PURPLE MEMBRANE FRACTIONS OF TH	0855
UATED TOTAL REFLECTION	PURPLE MEMBRANE LINEAR DICROISM	0629
IBERS HAVING MAGNESIUM	PYROPHOSPHATE AT THE ACTIVE SITE	1077
CHLOROPHYLL PROTEINS	P700/ PICOSECOND TIME-RESOLVED F	0829

Subject Context	Keyword	Page No.
	Q	
RAMAN MICROSCOPE AND	QUANTUM YIELD STUDIES ON THE PRI	0603
O THE DETERMINATION OF	QUANTUM YIELDS LIGHT SCATTERING	0311
OLINE SUBERYLDICHOLINE	QUENCH FLOW TEMPERATURE/ ACETY	0873
HAN PHOSPHORESCENCE/	QUENCHING OF ALKALINE PHOSPHATA	0023
	R	
N ON IRON-CARBON BOND	RAMAN HEME CYANIDE CYANOMET DIS	0801
DOPSIN VISUAL PIGMENT/	RAMAN MICROSCOPE AND QUANTUM Y	0603
ANIDE BOND/ RESONANCE	RAMAN STUDIES OF STERICALLY HIND	0801
G KINETICS EVALUATED BY	RAPID CHEMICAL KINETIC AND SINGLE	0873
UTION RECORDINGS SHOW	RAPID CURRENT FLUCTUATIONS IN GR	1055
ENSITY ON THE FORWARD	RATE CONSTANT FOR BINDING OF LIGA	0657
N CHANNEL INFORMATION	RATE CONSTANTS STATIONARY NONST	0961
KINETICS/ THE APPARENT	RATES OF CROSSBRIDGE ATTACHMEN	1039
RY/ THE PHOTOCHEMICAL	REACTIONS OF BACTERIAL SENSORY R	1071
ECTROSCOPY WITH SHIFT	REAGENT INTRACELLULAR SPACE BLO	0611
S OF STOMATOCYTOGENIC	REAGENTS ON THE DEFORMABILITY LO	0221
RATURE/ ACETYLCHOLINE	RECEPTOR CHANNEL-OPENING KINETIC	0873
ECEPTORS FLUCTUATIONS	RECEPTOR CLUSTERING OLIGOMERIZA	0257
CEPTORS/ THE EFFECT OF	RECEPTOR DENSITY ON THE FORWARD	0657
TION/ A MODEL BASED ON	RECEPTOR DESENSITIZATION FOR CYC	0807
L RHYTHMS OSCILLATIONS	RECEPTOR PHOSPHORYLATION/ A MO	0807
URIFIED DIHYDROPYRIDINE	RECEPTOR PREPARATION RECONSTITU	0891
A DYNAMICAL MODEL FOR	RECEPTOR-MEDIATED CELL ADHESION	0475
L ADHESION TO SURFACES	RECEPTORS AFFINITY/ A DYNAMICAL	0475
ERIODICALLY ACCESSIBLE	RECEPTORS LIGAND BINDING ALLOSTE	0405
LCIUM ENTRY BLOCKERS/	RECEPTORS ON THE NEUTROPHIL MEM	0729
IGANDS TO CELL SURFACE	RECEPTORS/ THE EFFECT OF RECEPT	0657
RECEPTOR PREPARATION	RECONSTITUTION SKELETAL MUSCLE B	0891
ROM THREE-DIMENSIONAL	RECONSTRUCTIONS OF RESTING ISOL	0317
PROCESSOR-BASED DATA	RECORDING SYSTEM PATCH CLAMP/ A	0653
N FROM SINGLE-CHANNEL	RECORDINGS FLUCTUATIONS CORREL	0047
NOISE III HIGH-RESOLUTION	RECORDINGS SHOW RAPID CURRENT F	1055
MOLECULAR DYNAMICS IN	RED AND PURPLE MEMBRANE FRACTIO	0855
TION OF HEMOGLOBIN-S IN	RED BLOOD SICKLE CELLS DIFFERENTI	0947
ENT WITH TOTAL INTERNAL	REFLECTION EXCITED FLUORESCENCE	0367
ARED ATTENUATED TOTAL	REFLECTION PURPLE MEMBRANE LINE	0629
F THE AMIDE-III SPECTRAL	REGION PROTEIN CONFORMATION VIBR	0069
EVIDENCE FOR INFLEXIBLE	REGIONS OF PROTEIN STRUCTURE TRY	0023
OSIN SUBFRAGMENT-1 TO	REGULATED ACTIN MUSCLE/ TWO-STE	0215
HOLINE MEMBRANES THEIR	RELATION TO THE PHASE TRANSITION	0187
AS DETECTED BY H-1-NMR	RELAXATION INVESTIGATIONS SELECTI	0729
ND MEMBRANE VISCOSITY	RELAXATION LIGHT SCATTERING/ VISC	0087
ATTERING/ VISCOELASTIC	RELAXATION OF BILAYER LIPID MEMBR	0087
BILAYERS A P-31 NUCLEAR	RELAXATION TIME STUDY PHOSPHOLIP	0791
E-SCALE NONPROTON ION	RELEASE AND BACTERIORHODOPSIN'S	0115
ULATION OF TRANSMITTER	RELEASE BY HYPERPOLARIZING PULSE	0347
TURATED LIPIDS OXIDANT/	REMOVAL OF SODIUM INACTIVATION A	0155
ATION TOPOLOGY/ PHASE	RESETTING IN A MODEL OF CARDIAC P	0165
CER IONIC CONDUCTANCE	RESISTANCE CAPACITANCE/ EPITHELIA	0783
ON OF DNA? PLASMID DNA	RESONANCE ABSORPTION/ RESONANC	0421
TEIN/ PROTON HYPERFINE	RESONANCE ASSIGNMENTS USING THE	0101
TRON-ELECTRON DOUBLE	RESONANCE ELDORSTUDY/ THE EFFE	1031
OF A-2-VISUAL PIGMENTS	RESONANCE RAMAN RHODOPSIN BATH	0603
ING IRON-CYANIDE BOND/	RESONANCE RAMAN STUDIES OF STER	0801
ESONANCE ABSORPTION/	RESONANCES IN THE DIELECTRIC ABS	0421
TION VIRUS/ STRUCTURAL	RESPONSIVENESS OF FILAMENTOUS B	0199
LATED CARDIAC CELLS AT	REST LIGHT DIFFRACTION PATTERNS SI	0329
AL RECONSTRUCTIONS OF	RESTING ISOLATED HEART CELL STRIA	0317
DYNAMICS SIMULATION OF	RESTRICTED ROTATIONAL DIFFUSION R	0303
NAPSE OPEN PROBABILITY	RETINA BIPOLAR CELLS/ NOISE ANALY	0955
MEMBRANE LOCATION OF	RETINAL IN PURPLE MEMBRANE FLUOR	0509
LOBIUM PHOTOCHROMISM	RETINAL ISOMERS/ ISO-HALORHODOP	1007
ODOPSIN HALOBACTERIUM	RETINAL PHOTOSENSORY/ THE PHOTO	1071
EUTRON DIFFRACTION ON	RETINAL ROD OUTER SEGMENTS NEUT	0587
TS NEUTRON DIFFRACTION	RETINAL ROD TRANSDUCIN RHODOPSI	0587
HODOPSIN A STABLE 9-CIS	RETINAL-CONTAINING PHOTOPRODUCT	1007
SCANNING CALORIMETRY	REVEALS A NEW PHASE TRANSITION IN	0667
ELLS WHOLE-CELL CLAMP	REVERSAL POTENTIAL/ SODIUM CHAN	0095
SYSTEMS I FORMATION OF	REVERSED HEXAGONAL PHASES AT HI	0145
ENTS RESONANCE RAMAN	RHODOPSIN BATHORHODOPSIN 3,4-DE	0603
S OF BACTERIAL SENSORY	RHODOPSIN-I FLASH PHOTOLYSIS STU	1071
RETINAL ROD TRANSDUCIN	RHODOPSIN/ THE TRANSDUCIN CASCA	0587
UORESCENCE LIFETIME OF	RIBONUCLEASE-T-1 FLUORESCENCE Q	0467
DIFFRACTION ON RETINAL	ROD OUTER SEGMENTS NEUTRON DIFF	0587
D ROTATIONAL DIFFUSION	ROTATIONAL CORRELATION FUNCTION	0303
MULATION OF RESTRICTED	ROTATIONAL DIFFUSION ROTATIONAL	0303
C MEDIUM DEPTH-OF-FIELD	ROTATIONAL SYMMETRY MUELLER IMA	0929
	S	
AND VIDEO MICROSCOPY	SALTATORY MOTION DIFFUSION CELLU	0775
ANTAGONISTS IN CARDIAC	SARCOLEMMAL LIPID MULTIBILAYERS	1021
ROM THREE-DIMENSIONAL	SARCOMERE ARRAYS IMAGED FROM IS	0329
UCTIONS CYTOSKELETON/	SARCOMERE LENGTH UNIFORMITY DET	0317
ASER/ MEASUREMENT OF	SARCOMERE SHORTENING IN SKINNED	0057
N THE NANOSECOND TIME	SCALE ELECTRON TRANSFER EXCITED	0577
ION SUBGEL SUB-SUBGEL/	SCANNING CALORIMETRY REVEALS A	0667
SCENCE THROUGH HIGHLY	SCATTERING MEDIA CORRECTIONS TO	0311
ITIONS IN THE GREEN ALGA	SCENEDESMUS OBLIQUUS PROBED BY	0717
NT ENERGY TRANSPORT IN	SEA URCHIN SPERMATOZOA FLAGELLA	0075
TRESS IN THIN LAYERS OF	SEDIMENTING BLOOD CASSON VISCOE	0229
N ON RETINAL ROD OUTER	SEGMENTS NEUTRON DIFFRACTION RE	0587
TTICE SWELLING WITH THE	SELECTIVE DIGESTION OF ELASTIC CO	0029
LAXATION INVESTIGATIONS	SELECTIVE RELAXATION EXCHANGE CA	0729
REACTIONS OF BACTERIAL	SENSORY RHODOPSIN-I FLASH PHOTO	1071
ESCENCE DECAY LIFETIME	SHANNON-JAYNES ENTROPY MULTIEXP	0693
HUMAN ERYTHROCYTES IN	SHEAR FLOW ERYTHROCYTES CALCIU	0221
DEFORMATION MEMBRANE	SHEAR VISCOSITY ELASTICITY GHOST/	0357
AND ORIGIN OF CHEMICAL	SHIFT FOR INTRACELLULAR WATER NU	0249
MR SPECTROSCOPY WITH	SHIFT REAGENT INTRACELLULAR SPAC	0611
UREMENT OF SARCOMERE	SHORTENING IN SKINNED FIBERS FRO	0057
METZGER AND R L MOSS	SHORTENING VELOCITY IN SKINNED FIB	1091
AMENT LATTICE SPACING/	SHORTENING VELOCITY IN SKINNED SI	0127
OGLOBIN-S IN RED BLOOD	SICKLE CELLS DIFFERENTIAL POLARIZ	0947
LARIZATION MICROSCOPY	SICKLE CELLS LINEAR DICHROISM IMA	0947
TIZATION FOR CYCLIC AMP	SIGNALING IN DICTYOSTELIUM CELLS D	0807
AY/ BROWNIAN DYNAMICS	SIMULATION OF RESTRICTED ROTATIO	0303
RNORMALITY ARRHYTHIAS	SIMULATION TOPOLOGY/ PHASE RESE	0165
CHANNEL PROPERTIES OF	SINGLE CANINE CARDIAC PURKINJE CE	0013
ELL STRIATION PATTERNS	SINGLE HEART CELLS MYOCYTES OPTI	0317
T DIFFRACTION PATTERNS	SINGLE HEART CELLS MYOCYTES THR	0329
PPING SINGLE IONS INSIDE	SINGLE ION CHANNELS/ TRAPPING SIN	0123
ION CHANNELS/ TRAPPING	SINGLE IONS INSIDE SINGLE ION CHAN	0123
ING VELOCITY IN SKINNED	SINGLE MUSCLE FIBERS INFLUENCE O	0127
THE SQUID GIANT AXON/	SINGLE SODIUM CHANNELS FROM THE	1087
DISPLAY AND FITTING OF	SINGLE-CHANNEL DWELL TIME HISTOG	1047
DWELL TIME HISTOGRAMS	SINGLE-CHANNEL HISTOGRAMS FITTIN	1047
OD OF EVALUATION FROM	SINGLE-CHANNEL RECORDINGS FLUCT	0047
EMENT IN CHANNELS WITH	SINGLE-ION OCCUPANCY APPLICATION	0033
ELASTIC COMPONENTS IN	SINGLE-SKINNED FIBERS OF FROG MU	0029
LEX OF ESCHERICHIA COLI	SINGLE-STRANDED DNA BINDING PROT	0867
NA BINDING PROTEIN WITH	SINGLE-STRANDED POLYDEOXYTHYMID	0867
ID CHEMICAL KINETIC AND	SINGLECHANNEL CURENT MEASUREME	0873
PERTIES OF THE HAPTENIC	SITE OF LIPID HAPTENS IN PHOSPHATI	0187
HOSPHATE AT THE ACTIVE	SITE/ POSSIBLE COOPERATIVITY IN CR	1077
ARATION RECONSTITUTION	SKELETAL MUSCLE BILAYER/ HETERO	0891
EQUILIBRIUM CONDITIONS	SKELETAL MUSCLE CROSSBRIDGE FO	0901
ECHANICAL BEHAVIOR OF	SKELETAL MUSCLE FIBERS UNDER EQ	0901
SHORTENING VELOCITY IN	SKINNED FIBERS CONTRACTION FROG	1091
RCOMERE SHORTENING IN	SKINNED FIBERS FROM FROG MUSCLE	0057
SHORTENING VELOCITY IN	SKINNED SINGLE MUSCLE FIBERS INFL	0127
XONS FAST INACTIVATION	SLOW INACTIVATION METHIONINE UNS	0155
OTASSIUM CHANNEL FROM	SMOOTH MUSCLE MULTI-ION CHANNEL	0707
LAR AND EXTRACELLULAR	SODIUM AND WATER IN THE BRAIN AND	0611
MP REVERSAL POTENTIAL/	SODIUM CHANNEL KINETICS DURING TH	0095
C PURKINJE CELLS/ OPEN	SODIUM CHANNEL PROPERTIES OF SIN	0013
CTIVATION AND BLOCK OF	SODIUM CHANNELS BY CHLORAMINE-T	0155
QUID GIANT AXON/ SINGLE	SODIUM CHANNELS FROM THE SQUID	1087
LITY/ LOW CONDUCTANCE	SODIUM CHANNELS IN CANINE CARDIA	0489
ARDIAC PURKINJE CELLS/	SODIUM CURRENT IN VOLTAGE CLAMP	0001
IVE, VOLTAGE-DEPENDENT	SODIUM CURRENTS IN HAIR CELLS FR	0649
S OXIDANT/ REMOVAL OF	SODIUM INACTIVATION AND BLOCK OF	0155
CUPANCY APPLICATION TO	SODIUM PERMEATION OF GRAMICIDIN	0033
ECHANICAL BEHAVIOR OF	SOFT TISSUES STRESS-STRAIN MATERI	0563
YERS BETWEEN FLUID AND	SOLID STATES SYNCHROTRON X-RAY L	0381
TATIC/ EXACT CONTINUUM	SOLUTION FOR A CHANNEL THAT CAN	0455
OF VIRION IN FIBERS AND	SOLUTION THE EFFECT OF TEMPERAT	0199
NTIALS/ ION CHANNELS IN	SOUTHERN BEAN MOSAIC VIRUS CAPSI	0595
NCE OF FILAMENT LATTICE	SPACING/ SHORTENING VELOCITY IN S	0127
HIN AND WATER/ PARTIAL	SPECIFIC VOLUMES OF LIPID AND WAT	0663
SIS AND FAST DIFFERENCE	SPECTRA MEASUREMENTS HALORHOD	0999
LORHODOPSIN ABSOLUTE	SPECTRA OF INTERMEDIATES OBTAINE	0999
STUDIES OF THE AMIDE-III	SPECTRAL REGION PROTEIN CONFORM	0069
ROPHYLL FLUORESCENCE	SPECTROSCOPY AND GLOBAL DATA A	0717
RESCENCE CORRELATION	SPECTROSCOPY FLUORESCENCE MICR	0257
RAIN AND MUSCLE BY NMR	SPECTROSCOPY WITH SHIFT REAGENT	0611
PICOSECOND ABSORPTION	SPECTROSCOPY/ PHOTODISSOCIATIO	0085
OSPHOCREATINE SHUTTLE	SPERM MOTILITY CELL MOTILITY BIOE	0075
RANSPORT IN SEA URCHIN	SPERMATOZOA FLAGELLAR WAVE ATT	0075
EFORMABILITY RECOVERY	SPIN LABEL EPR/ SPIN-LABEL STUDY	0221
ECTRON SPIN RESONANCE	SPIN LABELS CELL SURVIVAL CYTOTO	0625
BROADENING AGENTS FOR	SPIN PROBE STUDIES OF INTACT MAM	0625
HE HOST LATTICE ESR EPR	SPIN-LABEL LIPOSOME ORIENTED MUL	0187
COVERY SPIN LABEL EPR/	SPIN-LABEL STUDY OF ERYTHROCYTE	0221
HOLIPID BILAYER P-31-NMR	SPIN-LATTICE RELAXATION HEADGROU	0791
NEL KINETICS DURING THE	SPONTANEOUS HEART BEAT IN EMBRY	0095
IUM CHANNELS FROM THE	SQUID GIANT AXON/ SINGLE SODIUM C	1087
AMINE-T IN CRAYFISH AND	SQUID GIANT AXONS FAST INACTIVATI	0155
NITROGENASE PROTEINS/	SQUID MEASUREMENT OF METALLOPR	0837
THE PINK MEMBRANE THE	STABLE PHOTOPRODUCT OF DEIONIZE	0617
S/ ISO-HALORHODOPSIN A	STABLE 9-CIS RETINAL-CONTAINING PH	1007
ODMR PHOPHORESCENCE	STACKING/ TRIPLET STATE SUBLEVEL	0867
ERGETICS COUPLING/ THE	STALL TORQUE OF THE BACTERIAL FL	0413
D BACTERIORHODOPSIN'S	STATE OF AGGREGATION IN LIPID VESI	0115
ENCE STACKING/ TRIPLET	STATE SUBLEVEL KINETICS OF TRYPT	0867
PREDICTS AT LEAST FOUR	STATES FOR CHANNELS CLOSED BY G	0955
ETWEEN FLUID AND SOLID	STATES SYNCHROTRON X-RAY LIQUID	0381

Subject Context	Keyword	Page No.
MATION RATE CONSTANTS	STATIONARY NONSTATIONARY/ THEOR	0961
LT INTESTINAL EPITHELIUM	STEM CELLS CELL KINETICS CRYPT IN	0279
ANCE RAMAN STUDIES OF	STERICALLY HINDERED CYANOMET ST	0801
BROWNIAN STOCHASTIC/	STOCHASTIC THEORY OF ION MOVEME	0033
S MEMBRANES BROWNIAN	STOCHASTIC/ STOCHASTIC THEORY O	0033
ION CYCLING/ A VARIABLE	STOICHIOMETRY MODEL FOR PH HOME	0637
LITY AND THE EFFECTS OF	STOMATOCYTOGENIC REAGENTS ON T	0221
ERYTHROCYTES CALCIUM	STOMATOGENIC AGENT DEFORMABILIT	0221
LLY HINDERED CYANOMET	STRAPPED HEMES EFFECTS OF LIGAN	0801
TEMPERATURE AND IONIC	STRENGTH FIBER DIFFRACTION VIRUS/	0199
OR MEASURING THE YIELD	STRESS IN THIN LAYERS OF SEDIMENTI	0229
HAVIOR OF SOFT TISSUES	STRESS-STRAIN MATERIAL BIOMECHAN	0563
ICK FILAMENT OF LIMULUS	STRIATED MUSCLE/ EFFECT OF ATP D	0859
ING ISOLATED HEART CELL	STRIATION PATTERNS SINGLE HEART C	0317
KINETICS IN A MEMBRANE,	STUDIED WITH THE PORE-FORMING PE	0685
B-SUBTRANSITION SUBGEL	SUB-SUBGEL/ SCANNING CALORIMETR	0667
LCHOLINE SUBTRANSITION	SUB-SUBTRANSITION SUBGEL SUB-SUB	0667
ICUS CARBAMOYLCHOLINE	SUBERYLDICHOLINE QUENCH FLOW TE	0873
ATIVE BINDING OF MYOSIN	SUBFRAGMENT-1 TO REGULATED ACTI	0215
ITION SUB-SUBTRANSITION	SUBGEL SUB-SUBGEL/ SCANNING CAL	0667
STACKING/ TRIPLET STATE	SUBLEVEL KINETICS OF TRYPTOPHAN-	0867
YLPHOSPHATIDYLCHOLINE	SUBTRANSITION SUB-SUBTRANSITION	0667
H-CLAMP PERFORMANCE/	SUPERCHARGING A METHOD FOR IMPR	0133
RKINJE FIBER THRESHOLD	SUPERNORMALITY ARRHYTHIAS SIMUL	0165
F CYTOCHROME-C ON THE	SURFACE OF ULTRATHIN LIPID MULTIL	0735
DING OF LIGANDS TO CELL	SURFACE RECEPTORS/ THE EFFECT O	0657
NMR DEUTERIUM MOBILITY	SURFACE/ CONTRASTING MOLECULAR	0855
IATED CELL ADHESION TO	SURFACES RECEPTORS AFFINITY/ A D	0475
OF PACKED ERYTHROCYTE	SUSPENSIONS SUBJECTED TO LOW AM	0357
F FROG MUSCLE/ LATTICE	SWELLING WITH THE SELECTIVE DIGES	0029
POLARIZATION IMAGING II	SYMMETRY PROPERTIES AND CALCUL	0929
YPERPOLARIZING PULSES	SYNAPSE FACILITATION OR SYNAPTIC	0347
MATE NEUROTRANSMITTER	SYNAPSE OPEN PROBABILITY RETINA	0955
FLUID AND SOLID STATES	SYNCHROTRON X-RAY LIQUID SURFAC	0381
ACKED DONOR-ACCEPTOR	SYSTEMS BACTERIORHODOPSIN/ TRA	0509
CULES IN LECITHIN-WATER	SYSTEMS I FORMATION OF REVERSED	0145

T

SOLUTION THE EFFECT OF	TEMPERATURE AND IONIC STRENGTH F	0199
GTP ACTIVATION ENERGY/	TEMPERATURE DEPENDENCE OF G-PR	0271
DICHOLINE QUENCH FLOW	TEMPERATURE/ ACETYLCHOLINE RECE	0873
S FREQUENCY-DEPENDENT	TENSION AND MEMBRANE VISCOSITY R	0087
ND DISTORTION AND BASE	TENSION ON IRON-CARBON BOND RAM	0801
THE ALLIGATOR COCHLEA/	TETRODOTOXIN-SENSITIVE, VOLTAGE-D	0649
RPTION/ RESONANCES IN	THE DIELECTRIC ABSORPTION OF DNA?	0421
MEMBRANE, STUDIED WITH	THE PORE-FORMING PEPTIDE ALAMETH	0685
ION/ THE PINK MEMBRANE	THE STABLE PHOTOPRODUCT OF DEIO	0617
OGEN-BONDED NETWORKS	THEIR PROTON POLARIZABILITY AS A F	1021
NAL RECONSTRUCTIONS/	THEORETICAL FRAUNHOFER LIGHT DIF	0329
ATIONAL SPECTROSCOPY/	THERMAL DENATURATION OF GLOBULA	0069
ROTEINS NORMAL MODES	THERMODYNAMIC PROTEIN FOLDING/	1083
PLETION ON THE ISOLATED	THICK FILAMENT OF LIMULUS STRIATE	0859
CHANICAL EQUILIBRIUM OF	THICK, HOLLOW, LIQUID MEMBRANE C	0391
RING THE YIELD STRESS IN	THIN LAYERS OF SEDIMENTING BLOOD	0229
RMITY DETERMINED FROM	THREE-DIMENSIONAL RECONSTRUCTIO	0317
HEART CELLS MYOCYTES	THREE-DIMENSIONAL RECONSTRUCTIO	0329
TERNS CALCULATED FROM	THREE-DIMENSIONAL SARCOMERE ARR	0329
CARDIAC PURKINJE FIBER	THRESHOLD SUPERNORMALITY ARRHY	0165
F SINGLE-CHANNEL DWELL	TIME HISTOGRAMS SINGLE-CHANNEL HI	1047
ACE ON THE NANOSECOND	TIME SCALE ELECTRON TRANSFER EX	0577
-31 NUCLEAR RELAXATION	TIME STUDY PHOSPHOLIPID BILAYER P	0791
ECOND TO EIGHT-SECOND	TIME WINDOW PHOTOTAXIS BACTERIO	1071
US OBLIQUUS PROBED BY	TIME-RESOLVED CHLOROPHYLL FLUOR	0717
TEINS P700/ PICOSECOND	TIME-RESOLVED FLUORESCENCE FRO	0829
MATERIAL BIOMECHANICS	TISSUE ULTRASTRUCTURE/ A NEW CO	0563
NICAL BEHAVIOR OF SOFT	TISSUES STRESS-STRAIN MATERIAL BI	0563
ARRHYTHIAS SIMULATION	TOPOLOGY/ PHASE RESETTING IN A M	0165
ICS COUPLING/ THE STALL	TORQUE OF THE BACTERIAL FLAGELLA	0413
Y AND ENVIRONMENT WITH	TOTAL INTERNAL REFLECTION EXCITED	0367
BY INFRARED ATTENUATED	TOTAL REFLECTION PURPLE MEMBRAN	0629
LAR DYNAMICS/ NANOVID	TRACKING A NEW AUTOMATIC METHOD	0775
NSDUCIN RHODOPSIN/ THE	TRANSDUCIN CASCADE IS INVOLVED IN	0587
IFFRACTION RETINAL ROD	TRANSDUCIN RHODOPSIN/ THE TRANS	0587
MODEL FOR THE ENERGY	TRANSER IN PHYCOBILISOMES PHYCO	0673
ICS/ KINETICS OF CHARGE	TRANSFER AT THE LIPID BILAYER-WAT	0577
E FLUORESCENCE ENERGY	TRANSFER IN MAXIMALLY PACKED DO	0509
STOGRAMS FITTING/ DATA	TRANSFORMATIONS FOR IMPROVED DI	1047
TORECEPTOR MEMBRANES	TRANSIENT EXTRA METARHODOPSIN II	0271
VITY-DEPENDENT CALCIUM	TRANSIENTS IN CNS MYELINATED AXO	0571
Y REVEALS A NEW PHASE	TRANSITION IN L-ALPHA-DIPALMITOYLP	0667
INTACT MAMMALIAN CELLS	TRANSITION METAL IONS ELECTRON S	0625
RELATION TO THE PHASE	TRANSITION OF THE HOST LATTICE ES	0187
A HETEROGENEITY/ STATE	TRANSITIONS IN THE GREEN ALGA SCE	0717
MS BACTERIORHODOPSIN/	TRANSMEMBRANE LOCATION OF RETIN	0509
ESIS AND MODULATION OF	TRANSMITTER RELEASE BY HYPERPOL	0347
NASE-DEPENDENT ENERGY	TRANSPORT IN SEA URCHIN SPERMAT	0075
TTERING FLUORESCENCE/	TRANSPORT OF FLUORESCENCE THRO	0311
AS HYDROGEN-HYDROXIDE	TRANSPORTERS/ ZWITTERIONIC WATE	0497
E SINGLE ION CHANNELS/	TRAPPING SINGLE IONS INSIDE SINGLE	0123
PHORESCENCE STACKING/	TRIPLET STATE SUBLEVEL KINETICS O	0867
S OF PROTEIN STRUCTURE	TRYPTOPHAN PHOSPHORESCENCE/ Q	0023
UORESCENCE QUENCHING	TRYPTOPHAN RESIDUE ACRYLAMIDE/	0467
TE SUBLEVEL KINETICS OF	TRYPTOPHAN-54 IN THE COMPLEX OF	0867
M/ ORIENTATION OF LIPID	TUBULES BY A MAGNETIC FIELD PHOS	0295
IC FORMS OF HORSE AND	TUNA CYTOCHROME-C NMR HEME PRO	0101
HAT CAN BE OCCUPIED BY	TWO IONS POTASSIUM ACETYLCHOLIN	0455
N X-RAY LIQUID SURFACE	TWO-DIMENSIONAL PHASES FLUORESC	0381
GULATED ACTIN MUSCLE/	TWO-STEP LIGAND BINDING AND COOP	0215

U

ME-C ON THE SURFACE OF	ULTRATHIN LIPID MULTILAYER FILMS U	0735
ON/ SARCOMERE LENGTH	UNIFORMITY DETERMINED FROM THRE	0317
INACTIVATION METHIONINE	UNSATURATED LIPIDS OXIDANT/ REMO	0155
BIOLOGICAL MEMBRANES/	URANYL ACETATE INDUCES GEL-PHASE	0501
NERGY TRANSPORT IN SEA	URCHIN SPERMATOZOA FLAGELLAR W	0075

V

NG MEMBRANE PROTEINS	VALID ESTIMATES BASED ON FREEZE-F	0427
ORCE CATION CYCLING/ A	VARIABLE STOICHIOMETRY MODEL FO	0637
ND R L MOSS SHORTENING	VELOCITY IN SKINNED FIBERS CONTRA	1091
CE SPACING/ SHORTENING	VELOCITY IN SKINNED SINGLE MUSCLE	0127
EAT IN EMBRYONIC CHICK	VENTRICLE CELLS PATCH CLAMP HEAR	0095
LATERAL DIFFUSION AND	VERTICAL FLUCTUATION IN LIPID BILAY	1031
ROGEN-WATER INTERFACE	VESICLES ELLIPSOMETRY DIOLEOYLPH	0351
OF AGGREGATION IN LIPID	VESICLES I MONOMERS/ LARGE-SCAL	0115
UDY OF LOW-FREQUENCY	VIBRATIONAL MODES COLLAGEN NEUT	0343
PROTEIN CONFORMATION	VIBRATIONAL SPECTROSCOPY/ THERM	0069
ON COLLOIDAL GOLD AND	VIDEO MICROSCOPY SALTATORY MOTI	0775
CRYPT CYCLE CRYPT AND	VILLUS PRODUCTION IN THE ADULT INT	0279
AGE-PF1 COMPARISON OF	VIRION IN FIBERS AND SOLUTION THE	0199
SOUTHERN BEAN MOSAIC	VIRUS CAPSID ICOSAHEDRAL VIRUSES	0595
ENGTH FIBER DIFFRACTION	VIRUS/ STRUCTURAL RESPONSIVENES	0199
ATION LIGHT SCATTERING/	VISCOELASTIC RELAXATION OF BILAYE	0087
IMENTING BLOOD CASSON	VISCOELASTIC VISCOSITY/ A NEW MET	0229
OSITY ELASTICITY GHOST/	VISCOELASTICITY OF PACKED ERYTHR	0357
REMENT OF CYTOPLASMIC	VISCOSITY AND MOTILE ACTIVITY CYT	0551
ATION MEMBRANE SHEAR	VISCOSITY ELASTICITY GHOST/ VISCO	0357
TENSION AND MEMBRANE	VISCOSITY RELAXATION LIGHT SCATTE	0087
D CASSON VISCOELASTIC	VISCOSITY/ A NEW METHOD FOR MEA	0229
BOVINE DISK MEMBRANES	VISION GTP ACTIVATION ENERGY/ TEM	0271
ORETINAL ISORHODOPSIN	VISUAL PIGMENT/ RAMAN MICROSCOP	0603
LLS/ SODIUM CURRENT IN	VOLTAGE CLAMPED INTERNALLY PERF	0001
R SYNAPTIC FACILITATION	VOLTAGE MODULATION OF TRANSMITT	0347
FRACTAL ANALYSIS OF A	VOLTAGE-DEPENDENT POTASSIUM CHA	0979
TETRODOTOXIN-SENSITIVE,	VOLTAGE-DEPENDENT SODIUM CURRE	0649
ALCIUM INDICATOR FURA-2	VOLTAGE-SENSITIVE DYES GLIA OLIGO	0571
MEMBRANE PERMEABILITY	VOLUME AVERAGING DIFFUSION HETER	0763
YSIOLOGY MATHEMATICAL	VOLUME-CONDUCTED FIELD POTENTIA	0749
WATER/ PARTIAL SPECIFIC	VOLUMES OF LIPID AND WATER IN MIX	0663

W

SPORTERS/ ZWITTERIONIC	WATER CHAINS AS HYDROGEN-HYDRO	0497
PHASES AT HIGH AND LOW	WATER CONTENTS POTASSIUM-31-NMR	0145
IC VOLUMES OF LIPID AND	WATER IN MIXTURES OF EGG LECITHIN	0663
RACELLULAR SODIUM AND	WATER IN THE BRAIN AND MUSCLE BY	0611
HIFT FOR INTRACELLULAR	WATER NUCLEI IN ARTEMIA CYSTS/ TH	0249
RES OF EGG LECITHIN AND	WATER/ PARTIAL SPECIFIC VOLUMES	0663
PERMATOZOA FLAGELLAR	WAVE ATTENUATION AND THEORETICA	0075
S FROM FROG MUSCLE BY	WHITE LIGHT DIFFRACTION ACOUSTO-	0057
TCH CLAMP HEART CELLS	WHOLE-CELL CLAMP REVERSAL POTE	0095
ND TO EIGHT-SECOND TIME	WINDOW PHOTOTAXIS BACTERIORHOD	1071
IN A MEMBRANE, STUDIED	WITH THE PORE-FORMING PEPTIDE ALA	0685
L CORRELATION FUNCTION	WOBBLING-IN-A-CONE FLUORESCENCE	0303

X

MULTILAYER FILMS USING	X-RAY DIFFRACTION NONPERIODIC ULT	0735

Y

HOD FOR MEASURING THE	YIELD STRESS IN THIN LAYERS OF SED	0229
CROSCOPE AND QUANTUM	YIELD STUDIES ON THE PRIMARY PHOT	0603
ERMINATION OF QUANTUM	YIELDS LIGHT SCATTERING FLUORESC	0311

Z

DROXIDE TRANSPORTERS/	ZWITTERIONIC WATER CHAINS AS HYD	0497

Subject Context	Keyword	Page No.
	1	
AL MICROSCOPE IMAGING	3-D RECONSTRUCTIONS CYTOSKELETO	0317
DOPSIN BATHORHODOPSIN	3,4-DEHYDRORETINAL ISORHODOPSIN	0603
ALORHODOPSIN A STABLE	9-CIS RETINAL-CONTAINING PHOTOPRO	1007